

**Ecology Review Draft Report  
Supplement to the Final Interim Remedial  
Action Work Plan  
Boeing Auburn**

October 11, 2005

Prepared for  
**The Boeing Company**

## TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION	1-1
1.1 BACKGROUND	1-1
1.2 CURRENT MONITORING PROGRAMS	1-3
1.3 SUMMARY OF GROUNDWATER QUALITY	1-4
1.3.1 Shallow Groundwater Quality	1-4
1.3.2 Intermediate and Deep Groundwater Quality	1-4
2.0 THIRD INJECTION	2-1
3.0 REVISED AREA 1 INTERIM ACTION MONITORING PLAN	3-1
3.1 MONITORING PLAN DESCRIPTION	3-2
3.2 WELL ABANDONMENT PLAN AND SCHEDULE	3-3
3.3 MONITORING PLAN IMPLEMENTATION AND SCHEDULE	3-4
3.4 MONITORING PARAMETERS	3-4
4.0 REPORTING	4-1
5.0 REFERENCES	5-1

## LIST OF FIGURES

<u>Figure</u>	<u>Title</u>
1	Area 1 Site Plan
2	Current Area 1 Groundwater Monitoring Programs
3	Area 1 TCE Results in Shallow Groundwater December 2003
4	Source Area Historical TCE Results in Shallow Groundwater
5	Area 1 TCE Results in Shallow Groundwater August/September 2005
6	Area 1 cis-1,2-DCE Results in Shallow Groundwater August 2005
7	Area 1 Vinyl Chloride Results in Shallow Groundwater August 2005
8	Area 1 TCE Results in Intermediate Groundwater August 2005
9	Third Injection
10	Proposed Well Abandonment and Replacement
11	Proposed Final Area 1 Shallow Well Monitoring Network
12	Proposed Final Area 1 Intermediate Well Monitoring Network
13	Proposed Final Area 1 Deep Well Monitoring Network

## **LIST OF TABLES**

<u>Table</u>	<u>Title</u>
1	Area 1 Property Transfer Schedule
2	Interim Groundwater Monitoring Matrix (Revised)
3	Groundwater Monitoring Matrix Current Interim Action
4	Proposed Abandonment Actions
5	Phase II Groundwater Monitoring Matrix
6	Phase III Groundwater Monitoring Matrix
7	Revised Area 1 IRA Monitoring Plan Schedule

## **LIST OF APPENDICES**

<u>Appendix</u>	<u>Title</u>
A	Shallow Well VOC Results
B	Intermediate Well VOC Results
C	Deep Well VOC Results

## **1.0 INTRODUCTION**

This document is a supplement to the *Final Interim Remedial Action Work Plan, Boeing Auburn* (Landau Associates 2004a) submitted to the Washington Department of Ecology (Ecology) on May 4, 2004. The purpose of the original work plan was to document procedures for an interim remedial action (IRA) that consisted of active remediation and groundwater monitoring in Area 1 at the Boeing Company's (Boeing) Auburn fabrication division facility located at 700 15<sup>th</sup> Street SW, Auburn, Washington. The IRA was conducted as part of corrective action requirements associated with an Agreed Order (Order) (No. DE 01HWTRNR-3345) dated August 14, 2002 issued by Ecology to Boeing. This supplement provides revisions to the original IRA Work Plan and is necessary because Boeing will be selling the Area 1 property to a new owner. The new owner intends to demolish existing buildings on the property and build a single larger building; the proposed footprint of this larger building is shown on Figure 1. Construction and demolition will require abandonment of most of the existing Area 1 wells and re-installation of select well locations. The purpose of this revised work plan is to document revised groundwater monitoring requirements and well abandonment plans for Area 1 that:

- Takes into account construction of the new building and the necessity to abandon most of the existing Area 1 wells
- Defines continued monitoring requirements between November 1, 2005 and beginning of construction scheduled for March 1, 2006 (Phase I)
- Defines monitoring requirements during construction (Phase II)
- Combines the two existing monitoring plans for Area 1 wells into a single post construction monitoring plan (Phase III)
- Provides for evaluation of active remediation to address the source area of trichloroethene (TCE) contamination
- Provide for evaluation of monitored natural attenuation (MNA) of the Area 1 groundwater plume outside of the source area.

This work plan also describes plans for a third enhanced *in situ* reductive dechlorination electron donor injection. A schedule of major milestones associated with the Area 1 property transfer is presented on Table 1. As has been agreed, Ecology approval of this revised work plan is scheduled to occur prior to closing of the property sale. Closing is currently scheduled for completion on November 15, 2005.

### **1.1 BACKGROUND**

Boeing has been working with Ecology since October, 2003, to meet the requirements of Section VII (13) of the Order, which documents requirements for transfer of property. As part of the plans for

the property sale, expedited remedial actions were conducted at the facility beginning in about November 2003, primarily to address TCE contamination associated with a former vapor degreaser and former tank line in Building 17-05 (Figure 1). The expedited remedial actions include:

- Area 1 remedial investigation completed in January 2004 (Landau Associates 2004b)
- Supplemental Area 1 remedial investigation completed in March 2004 (Landau Associates 2004c)
- Development of a final interim remedial action work plan completed in May 2004 (Landau Associates 2004a) that documented remedy implementation and monitoring
- Implementation of the IRA in July 2004 consisting of enhanced *in situ* reductive dechlorination through injection of electron donor (i.e., sodium lactate and vegetable oil) amendment
- Submittal of an IRA status report in December 2004 documenting the first electron donor injection (Landau Associates 2004d)
- Implementation of a second IRA injection in January 2005
- Submittal of a second IRA status report in June 2005 (Landau Associates 2005a) documenting the results of the second injection.
- Investigation of three other Area 1 locations in August 2005 identified as part of the property transfer process (Landau Associates 2005b)
- Investigation of abandoned chrome lines, waste lines and an elevator at Area 1 (Landau Associates 2005c).

The Area 1 RI and supplemental RI consisted of drilling 16 soil borings for collection of groundwater and soil samples and the collection of groundwater samples from 45 monitoring wells. The results of these investigations concluded that TCE occurred in groundwater up to a maximum of 230 µg/L in the shallow groundwater zone<sup>1</sup> at or near the former TCE degreaser [referred to as Solid Waste Management Unit (SWMU) S-12b] and associated metalbond tank line [referred to as Area of Concern (AOC) A-08]. The former TCE degreaser was identified as the likely source of a TCE groundwater plume that was identified primarily in the shallow zone north (hydraulically downgradient) of the degreaser.

---

<sup>1</sup> The shallow groundwater zone is defined as approximately 10 to 30 ft below ground surface (BGS); the intermediate zone is defined as approximately 40 to 60 ft BGS; the deep zone is defined as approximately 80 to 100 ft BGS.

The IRA was implemented beginning in June and July of 2004. Field activities included installation of nine monitoring wells (AGW106 through AGW114) and 32 injection wells<sup>2</sup> for injection of electron donor in the shallow and intermediate groundwater zones in July 2004. A second injection was conducted in January 2005 that included injection of electron donor at 22 of the 32 existing wells. Three additional monitoring wells (AGW122 through 124) were installed in December 2004 upgradient of the degreaser to investigate relatively high initial TCE concentrations at injection well IW-5s. Well AGW122 was also used as an injection well during the second injection.

## 1.2 CURRENT MONITORING PROGRAMS

Recent monitoring in and around Area 1 consists of three separate monitoring programs. The site-wide RI consisted of quarterly and semiannual monitoring at select wells for multiple constituents (Geomatrix 2003). The final RI sampling event was completed in December 2004 and the RI monitoring plan has been replaced by an approved interim monitoring plan that consists of semiannual monitoring. The interim monitoring plan is summarized in Table 2 and is focused primarily for volatile organic compounds (VOCs) at well locations that are within Area 1 (Landau Associates 2005b). In addition to the interim monitoring plan, an IRA monitoring plan was implemented in Area 1 as part of the interim remedy. This plan includes monthly and/or quarterly monitoring for VOCs and other parameters that are related to monitoring effectiveness of enhanced reductive dechlorination. These other parameters include sulfate, total organic carbon (TOC), alkalinity, methane, ethane, ethene and quantitative polymerase chain reaction analysis (qPCR)<sup>3</sup>. The IRA monitoring plan for Area 1 is summarized in Table 3. Area 1 wells that are monitored as part of current monitoring programs (site-wide interim monitoring and IRA monitoring) are shown on Figure 2 along with all other wells that exist in Area 1. All of the wells shown on this figure have been monitored at least once for VOCs during pre-RI investigations, RI sampling, or current monitoring programs with the exception of wells AGW071 and AGW075.<sup>4</sup> A summary of all TCE; cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride data for all the Area 1 wells shown on Figure 2 (except AGW071 and AGW075) is presented in Appendices A, B and C in tabular format and as individual time series graphs. Appendix A presents data and graphs for shallow zone wells; Appendices B and C show similar data for intermediate and deep zone wells respectively.

---

<sup>2</sup> Injection wells IW-5(s), IW-5(i), and IW-31(s) have been sampled as part of the IRA monitoring plan. Other injection wells have not been sampled for water quality.

<sup>3</sup> qPCR determines the cell density of *Dehalococcoides* and total bacteria.

<sup>4</sup> These two wells were installed as part of a pumping test implemented in 1996

## **1.3 SUMMARY OF GROUNDWATER QUALITY**

The Area 1 RI, supplemental Area 1 RI and IRA monitoring have characterized groundwater quality in Area 1. Based on these investigations, the primary constituent of concern is TCE. TCE has been detected in the shallow, intermediate and deep groundwater zones. Cis-1,2-DCE and vinyl chloride are reductive dechlorination byproducts of TCE. These constituents have also been detected in Area 1 groundwater. Concentrations of cis-1,2-DCE and vinyl chloride have increased temporarily in the vicinity of the TCE source zone due to implementation of the IRA.

### **1.3.1 SHALLOW GROUNDWATER QUALITY**

As part of the Area 1 RI, TCE was characterized throughout Area 1 and downgradient (north). A broad, relatively low concentration plume was defined in Area 1 shallow groundwater and the former TCE degreaser (SWMU S-12b) was identified as the source of this plume. The extent of TCE in and downgradient of Area 1 in the shallow zone in December 2003 (prior to implementation of the IRA) is shown on Figure 3. A detailed characterization of TCE in the vicinity of the former TCE degreaser is shown on Figure 4 for data collected prior to the IRA first donor injection in July 2004. The 40 µg/L contour on Figure 4 is defined as the TCE source area for the purposes of this supplemental work plan.

After implementation of the first IRA injection, TCE concentrations declined to near non-detect in the source area and cis-1,2-DCE concentrations increased temporarily; after the second injection TCE concentrations stayed low while cis-1,2-DCE concentrations generally started to decline. Vinyl chloride concentrations have also peaked and started to decline at most source area wells (Landau Associates 2005a). Overall, VOC contaminant trends have demonstrated that the IRA has been very successful in remediating the TCE source area (Landau Associates 2004d, 2005a). Figures 5, 6, and 7 present the current distribution (August 2005) of TCE, cis-1,2-DCE, and vinyl chloride in shallow groundwater.

### **1.3.2 INTERMEDIATE AND DEEP GROUNDWATER QUALITY**

Ten intermediate zone wells exist in Area 1. TCE is detected in all of these wells but at concentrations substantially lower than shallow zone wells. Concentrations are highest at well AGW057(I) located upgradient of the TCE source area in the shallow zone. The concentrations at this well have been as high as 9.9 µg/L (September 1998) but have steadily declined to 5.2 µg/L (August 2005). TCE at all other intermediate wells are below 5 µg/L. Cis-1,2-DCE and vinyl chloride concentrations are generally comparable or lower than TCE. Current (August 2005) intermediate zone TCE concentrations are shown on Figure 8.

Five deep zone wells exist in Area 1. Only wells AGW073 and AGW098, which are located downgradient of the source area, have had detectable concentrations of TCE. The highest concentration of TCE was 1.6 µg/L at well AGW098 in June 2004. Cis-1,2-DCE and vinyl chloride have not been detected in any of these five deep wells.

## **2.0 THIRD INJECTION**

A third injection of electron donor substrate will be completed at select Area 1 injection well locations by the end of October 2005, as shown on Table 1. The purpose of this injection is to conservatively safeguard against rebound of TCE in the source area. The third injection will be delivered to the same 23 wells that received the second injection. The third injection will deliver the same mass of electron donor as was delivered during the second injection (Landau Associates 2004d). Shallow and intermediate intervals at 22 of the 32 existing nested injection wells (IW1-IW15 and IW-26-IW32) and well AGW122 will receive donor substrates diluted with extracted groundwater. The same injection procedures and dosing described for the second injection (Landau Associates 2004d) will be utilized. The location of third injection locations are shown on Figure 9.

A total of approximately 121,400 gallons (26 doses) of injection solution will be delivered to the 23 wells. Injection solution will be comprised of approximately 114,400 gal of extracted groundwater amended with 52 drums (2,860 gallons, 31,200 lbs) of 60 percent sodium lactate concentrate; 18 totes (4,626 gallons, 37,800 lbs) of 50 percent vegetable oil emulsion; and 26 lbs of yeast extract powder. In general, each nested injection well (i.e., a shallow and intermediate screen comprise a single injection well) will receive a single dose of 4,670 gallons of injection solution. A single dose of injection solution consists of approximately 4,400 gallons of groundwater amended with 2 drums (110 gallons, 1,200 lbs) of 60 percent sodium lactate concentrate; 2/3 tote (172 gallons, 1,400 lbs) of 50 percent vegetable oil emulsion; and 1 lb of yeast extract powder dissolved in water. A half-dose will be injected to the shallow and intermediate screen at each injection well. Wells IW8, IW9, and IW32 located adjacent to the utilidor tunnel will receive double doses of injection solution to enhance the distribution of electron donor substrates around the tunnel. Monitoring well AGW122 will receive an extra 1/3 tote of vegetable oil emulsion for a modified dose of 2 drums of sodium lactate concentrate; 1 tote vegetable oil emulsion; and 1 lb of yeast extract. An extra 1/3 tote of vegetable oil emulsion will also be delivered to the shallow screen of IW5. Following injection, each injection screen will be flushed with approximately 135 gallons of unamended groundwater to flush the well and disperse the injection fluid.

The third injection will be performed utilizing the same in-line mixing procedure used for the second injection. A 290 gpm, gas powered, centrifugal pump will be used to extract groundwater from two manifolded monitoring wells (AGW107 and AGW114) and to inject groundwater and added electron donor substrates directly into each injection well. Vegetable oil emulsion, sodium lactate, and dissolved yeast extract will be added directly to the groundwater stream through a manifold on the suction side of the pump. Groundwater and added substrates will be thoroughly mixed as they pass through the pump and through a static in-line mixer (helical blade). Individual well screens that were injected at full pump

throttle during the second injection event will be injected for 50 minutes to deliver approximately 2,200 gallons of groundwater (half dose) based on the combined average flow rate of 45 gpm measured previously from wells AGW107 and AGW114. Well screens that were injected at a reduced pump throttle for various reasons during the first and second injection events will again be injected at a reduced pump throttle during the third injection event. The pump throttle will be reduced at these wells to achieve the same injection pressure recorded during the first injection event and/or to minimize the seepage of injection fluid that was previously observed. At screens injected at a reduced pump throttle, the duration of injection will be the same as was recorded for the first injection event. The pump exhaust will be vented outside.

### **3.0 REVISED AREA 1 INTERIM ACTION MONITORING PLAN**

It is anticipated that the revised Area 1 IRA monitoring plan will cover an approximate time period from November 2005 through November 2007. For the purposes of this plan, this period is broken up into three separate periods, or phases, based on the current understanding of re-development plans for the property. Currently, it is understood that building demolition will begin on March 1, 2006. Following demolition, subsequent construction is expected to occur throughout the remainder of 2006. However, it is anticipated that by the end of October 2006, construction will be far enough along to allow for installation of replacement and new monitoring wells. The three monitoring period phases are defined as:

- Phase I: pre-construction phase from present through February 28, 2006
- Phase II: construction phase from March 1, 2005 through October 31, 2006
- Phase III: post construction phase from November 1, 2006 through November 30, 2007.

Demolition of existing buildings and construction of a new building will require abandonment of all except four wells [AGW066, AGW067, AGW072(I) and AGW073(D)] in Area 1. Some wells will be permanently abandoned prior to construction. Some wells will temporarily abandoned and reinstalled after construction as part of the revised Area 1 IRA monitoring plan. AGW066, AGW067, AGW072(I) and AGW073(D) will be monitored throughout construction and incorporated into the Phase III monitoring plan. As discussed in Section 3.2, it is possible that some well locations that are further from construction activities could be protected during property re-development rather than abandoned and later re-installed. These locations will be evaluated on a case by case basis and groundwater monitoring during the Phase II period, if feasible at these locations, will be coordinated with Ecology.

The revised Area 1 IRA monitoring plan updates the original IRA monitoring plan, which was presented in Section 4.4 of the *Final Interim Remedial Action Work Plan* (Landau Associates 2004a). The revised monitoring plan was developed based on the following four components:

- Evaluation and identification of wells to be included in the new plan
- Evaluation and identification of wells for permanent abandonment
- Definition of the monitoring schedule and transition from current monitoring plans to the revised Area 1 IRA monitoring plan.
- Definition of monitoring parameters

### **3.1 MONITORING PLAN DESCRIPTION**

The revised Area 1 IRA monitoring plan consists of three phases. Phase I consists of current monitoring plans that will be in effect until construction starts; these plans are presented in Tables 2 and 3. Phase II consists of monitoring during construction at Area 1 wells that were not abandoned prior to the start of construction (see section 3.2). Currently, there are four wells designated for Phase II: AGW066, AGW067, AGW072(I), and AGW073(D). The Phase III plan represents the Phase II wells and wells that will be reinstalled for longer term post construction monitoring; the Phase III plan will supersede existing monitoring plans currently in effect in Area 1. The Phase III plan is described below.

Wells were selected for inclusion in the Phase III revised Area 1 IRA monitoring plan based on the following rationale:

- Provide for groundwater monitoring upgradient of the source area in the shallow and intermediate groundwater zones
- Provide for source area monitoring in the shallow zone to evaluate potential for rebound
- Provide for downgradient monitoring in the shallow, intermediate and deep groundwater zones to evaluate MNA of remaining TCE contamination.

An additional criterion was to include, to the extent practical, all wells in the current site-wide interim monitoring plan (Figure 2) that are within Area 1. The only interim monitoring well that was not included in the Phase III monitoring plan is AGW056(I). This well was scheduled for permanent abandonment because it has very low levels of VOCs (see Appendix B) and it is inside the proposed new building. The well will be replaced by a new intermediate well just within the northern property boundary of Area 1 directly north of AGW056(I). A shallow well will be installed next to the new intermediate well to provide monitoring well coverage between wells AGW066 and AGW067. Figure 10 presents all wells that will be part of the Phase III monitoring plan including the location of the new shallow and intermediate wells. Figures 11, 12 and 13 present the Phase III monitoring plan wells for the shallow, intermediate and deep zones respectively. Table 4 summarizes the rationale for including wells within the revised Area 1 monitoring plan.

The revised Area 1 monitoring plan includes five shallow zone wells intended to monitor the source area for potential rebound of TCE; these wells will all be within the footprint of the new building. Two of these wells, AGW106 and AGW110 are located within the source area as defined by the 40 µg/L contour on Figure 4. One well, AGW002 is located within the footprint of the former degreaser as shown on Figure 4. The two remaining wells, AGW112 and AGW053, are located directly downgradient of the source area. All five of these wells will be abandoned during construction. The intent is to reinstall these wells within 5 ft of the original well, following construction. However given logistical constraints, this

may not be possible. During reinstallation of source zone wells, the following guidelines will be followed:

- Once the location of interior walls, storage racks, and other features are identified, the final location of the source area monitoring wells will be determined. In the event that the five source area wells cannot be placed within 20 ft of the original locations, a plot of the proposed well locations will be submitted to Ecology for review and approval.
- AGW106 and AGW110 will be reinstalled within the source zone as defined by the 40 µg/L contour on Figure 4
- AGW002 will be reinstalled within the footprint of the former degreaser as shown on Figure 4
- New well locations will be verified using a map grade global positioning system (GPS) or (if the new building roof is in place that precludes use of GPS) by a licensed surveyor prior to drilling and installation

All other temporarily abandoned wells will be reinstalled outside of the building footprint as close as possible to their former well locations. Any wells (other than the five source zone wells) that are reinstalled greater than 40 ft from their original locations will require approval from Ecology. Replacement and new well locations will be verified with a map grade GPS or a survey method with equivalent accuracy. After installation, all replacement and new wells will be surveyed for horizontal and vertical control by a licensed surveyor.

## **3.2 WELL ABANDONMENT PLAN AND SCHEDULE**

All wells except wells AGW066, AGW067, AGW072(I) and AGW073(D) are scheduled for abandonment. These four wells are located along the northern property boundary. Other wells may not be abandoned during construction; however, this will be at the discretion of Boeing and the new owner and depends on demolition and construction plans. It is possible that locations near the property boundaries, where site re-development activities may not be as intense, could be protected rather than abandoned and later re-installed. Wells that are part of the Phase III monitoring plan will be reinstalled after abandonment. Monitoring wells and injection wells not included in the Phase III monitoring plan will be permanently abandoned. Wells were selected for abandonment based on the following rationale:

- Abandon wells that were installed for pumping tests and not intended for water quality monitoring
- Abandon wells where historically VOC detections are below cleanup levels or below detection limits
- Abandon wells that are redundant with nearby wells.

- All injection wells.

The rationale for permanently abandoning wells is presented on a well by well basis in Table 4. Wells scheduled for permanent abandonment are shown on Figure 10.

All monitoring wells in Area 1 have been constructed in accordance with Washington state regulations (WAC 173-160) except the nested well cluster AGW071, AGW072 and AGW073 however this well cluster will not be abandoned. Well abandonment will be conducted in accordance with Washington State regulations by filling the casing from the bottom to ground surface with bentonite, cement grout, or neat cement and placing a cap on the casing. Flush monuments will remain in place and will not be filled with concrete if within the footprint of the proposed construction. Flush monument wells outside the footprint of the proposed building will have the cover removed and the monument will be filled with concrete. Above ground wells will be cut off at ground surface and abandoned as noted above. All above ground steel casing and bollards will be removed and concrete will be placed in the upper foot of annulus to ground surface. Boeing will dispose of the bollards and above ground casing.

### **3.3 MONITORING PLAN IMPLEMENTATION AND SCHEDULE**

During Phase I, the current monitoring plans will be in effect. This includes the site-wide interim monitoring plan (Table 2) and the current IRA monitoring plan (Table 3). The site-wide monitoring plan semiannual monitoring will take place in January 2006. The current IRA monitoring plan will continue through February 3, 2006. After the February 2006 sampling event all wells identified for temporary or permanent abandonment will be abandoned. This abandonment will be completed by February 15, 2006, as shown on Table 1.

During Phase II, Area 1 wells that are not abandoned will be monitored quarterly (May and August 2006). During Phase III, all wells that are part of the Phase III monitoring plan will be monitored. The Phase II monitoring plan is presented in Table 5. The Phase III IRA monitoring plan is presented in Table 6. A summary schedule of monitoring and abandonment plans based on the phased approach is presented on Table 7.

### **3.4 MONITORING PARAMETERS**

During Phase I, wells will continue to be monitored for analytical parameters according to current plans in effect. During Phase II, the four remaining wells will be monitored for field parameters, VOCs by EPA Method 8260; vinyl chloride and 1,1-dichloroethene will be analyzed using the selective ionization method (SIM). During Phase III all wells will be sampled for field parameters, VOCs by EPA Method 8260; vinyl chloride and 1,1-dichloroethene will be analyzed by SIM. The five source zone wells

will also be analyzed for TOC, methane, ethane, ethene and sulfate. Three of the source zone wells, AGW106, AGW110 and AGW112 will also be analyzed for qPCR. Analytical parameters for Phase I are presented in Tables 2 and 3; analytical parameters for Phase II and Phase III are presented in Tables 5 and 6 respectively.

## **4.0 REPORTING**

Two technical memoranda will be submitted to Ecology during Phase III (defined as post-construction with approximate timeframe from November 2006 through November 2007). The first memorandum will be submitted on February 9, 2007. This memorandum will document the reinstallation of Phase III monitoring wells and the results of the first Phase III quarterly groundwater monitoring event. The second memorandum will be submitted on November 23, 2007. This memorandum will summarize the four quarters of Phase III groundwater sampling data and present an evaluation of source zone rebound and MNA progress. This memorandum will also present recommendations for modifications to the Phase III monitoring plan as appropriate. Reporting requirements are included on the schedules on Table 1 and in Table 7.

## **5.0 REFERENCES**

Geomatrix Consultants. 2003. *Remedial Investigation Work Plan, Boeing Auburn Plant. Auburn, Washington.* Prepared for The Boeing Company. October.

Landau Associates. 2005a. *Agency Review Draft Interim Remedial Action Report (Second Report), Boeing Auburn Area 1, 700 15<sup>th</sup> Street SW, Auburn, Washington.* Prepared for The Boeing Company, Seattle, WA. June 7.

Landau Associates. 2005b. *Boeing Auburn Area 1-Additional Investigation Results.* Technical Memorandum prepared for The Boeing Company. September 14.

Landau Associates. 2005c. *Boeing Auburn Area 1 – Chrome Line and Elevator Shaft Update.* Technical Memorandum prepared for The Boeing Company. October 3.

Landau Associates. 2004a. *Final Interim Remedial Action Work Plan, Boeing Auburn Area 1, 700 15<sup>th</sup> Street SW, Auburn, Washington.* Prepared for The Boeing Company, Seattle, WA. May 7.

Landau Associates. 2004b. *Ecology Review Draft, Area 1 Remedial Investigation Report, Boeing Auburn Facility, Auburn, Washington.* Prepared for The Boeing Company, Seattle, WA. January 30.

Landau Associates. 2004c. *Ecology Review Draft, Supplemental Area 1 Remedial Investigation Report, Boeing Auburn Facility, Auburn, Washington.* Prepared for The Boeing Company, Seattle, WA. March 10.

Landau Associates. 2004d. *Agency Review Draft Interim Remedial Action Report, Boeing Auburn Area 1, 700 15<sup>th</sup> Street SW, Auburn, Washington.* Prepared for The Boeing Company, Seattle, WA. December 20.

**Legend**

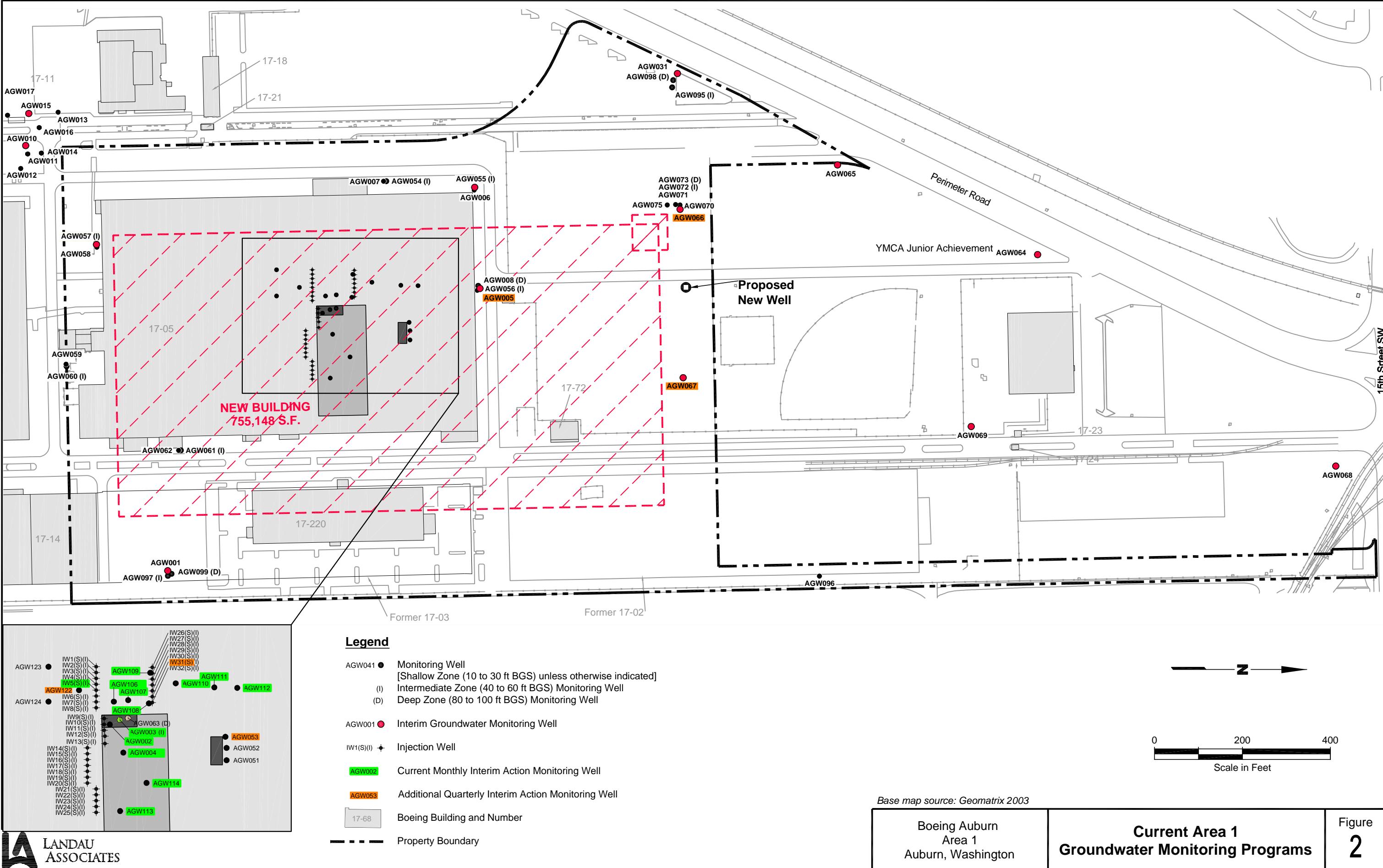
- 17-68 Boeing Building and Number
- - - Property Boundary

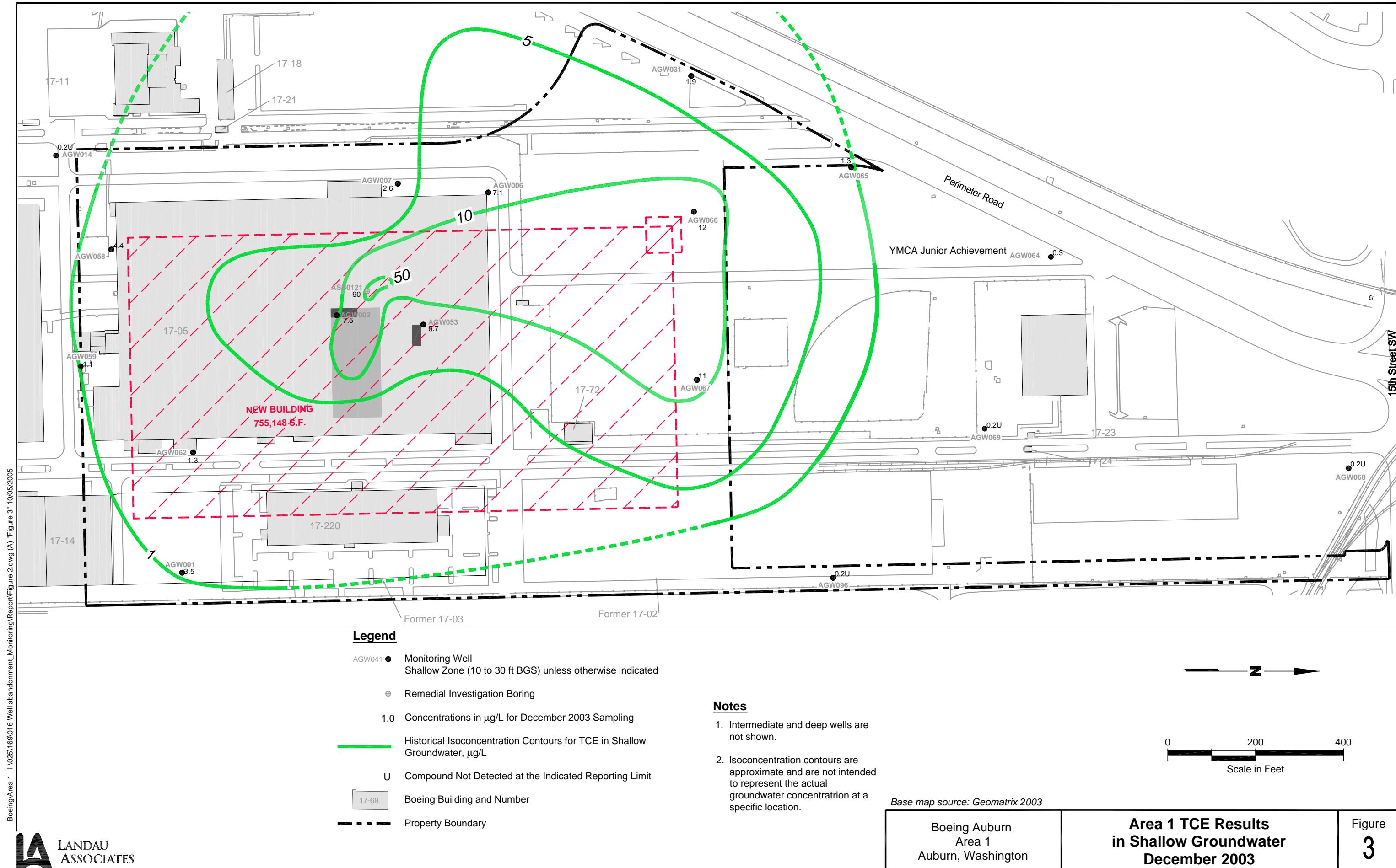
Base map source: Geomatrix 2003

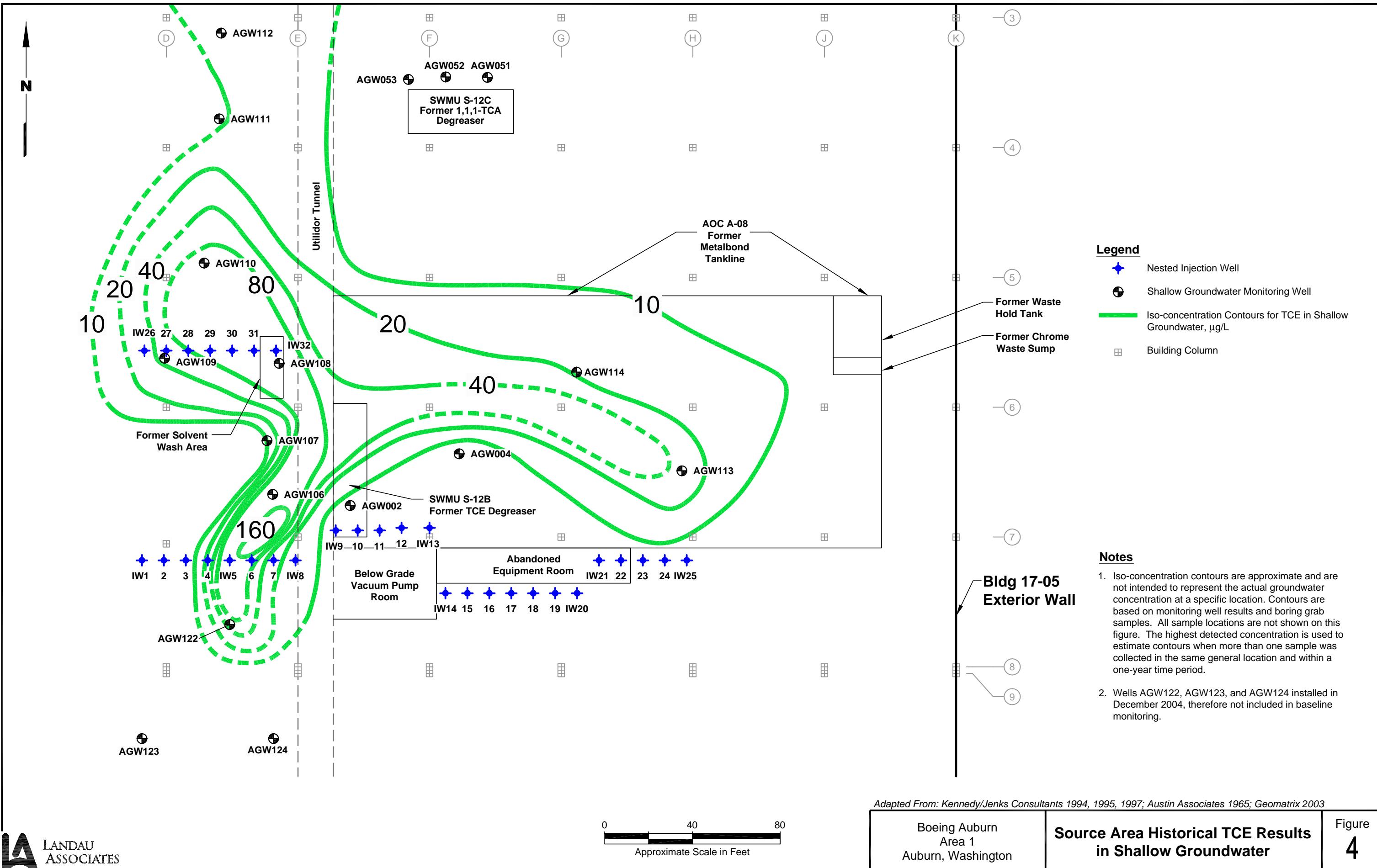
0 200 400  
Scale in Feet

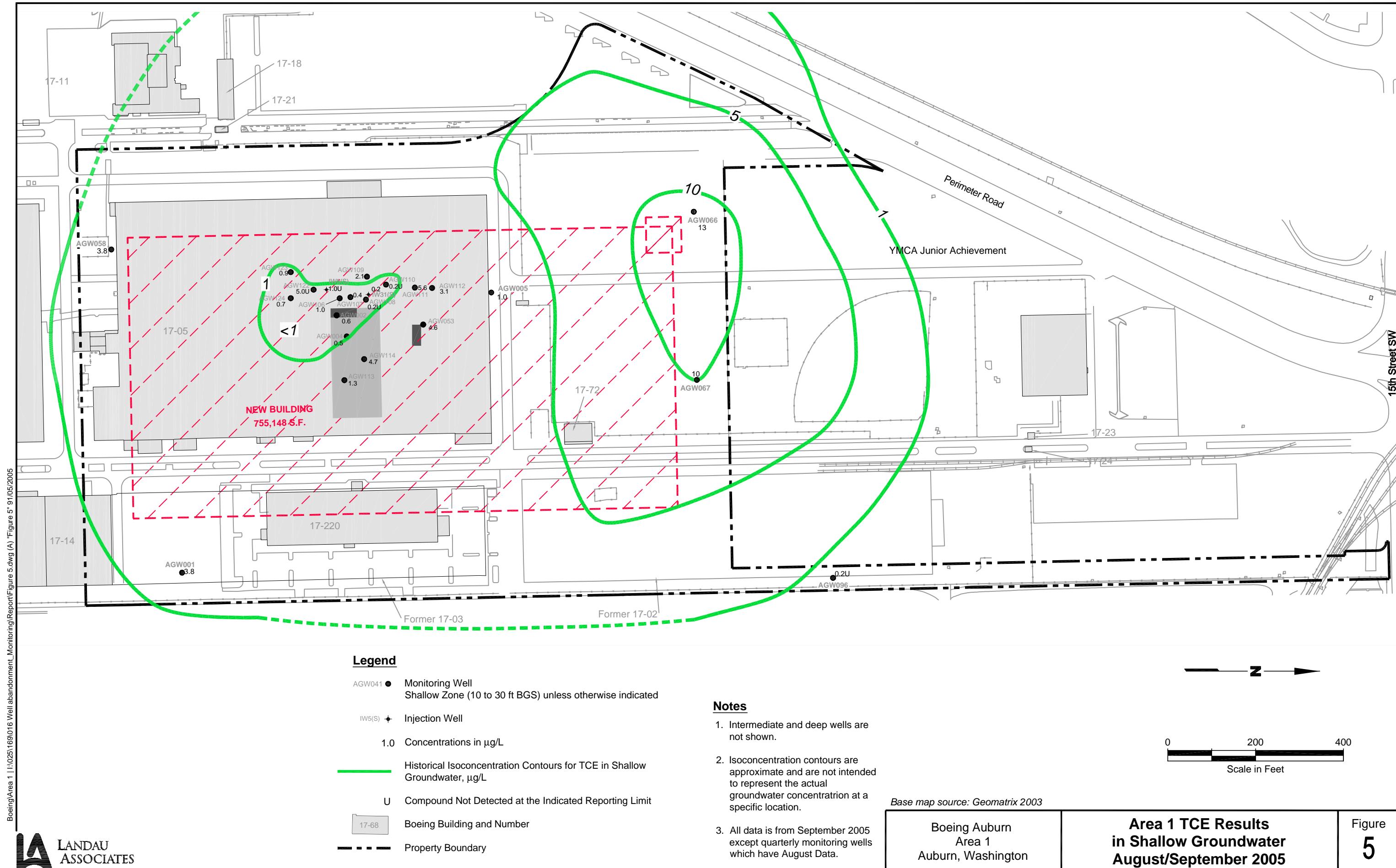
Boeing Auburn  
Area 1  
Auburn, Washington

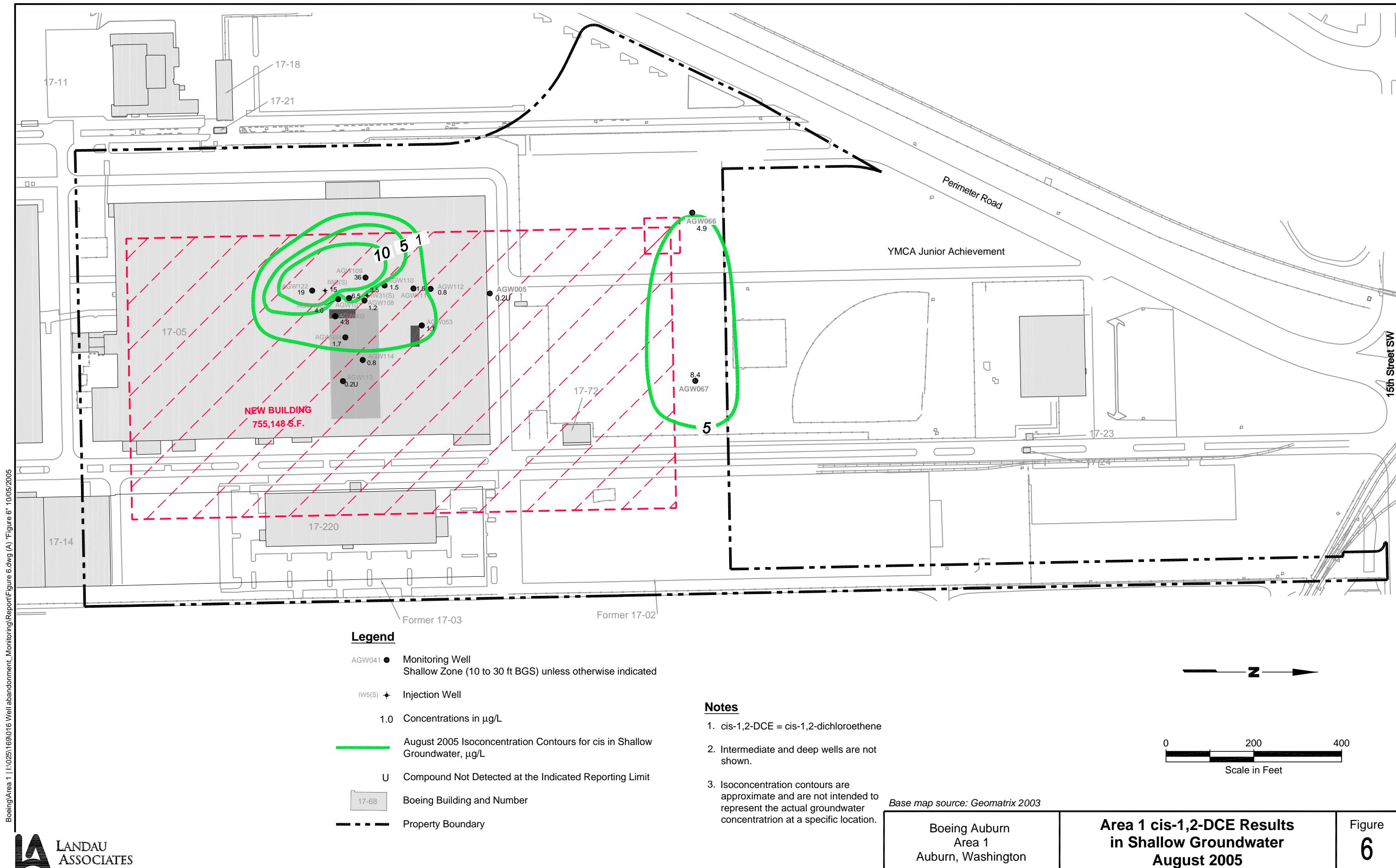
**Area 1 Site Plan****Figure 1**

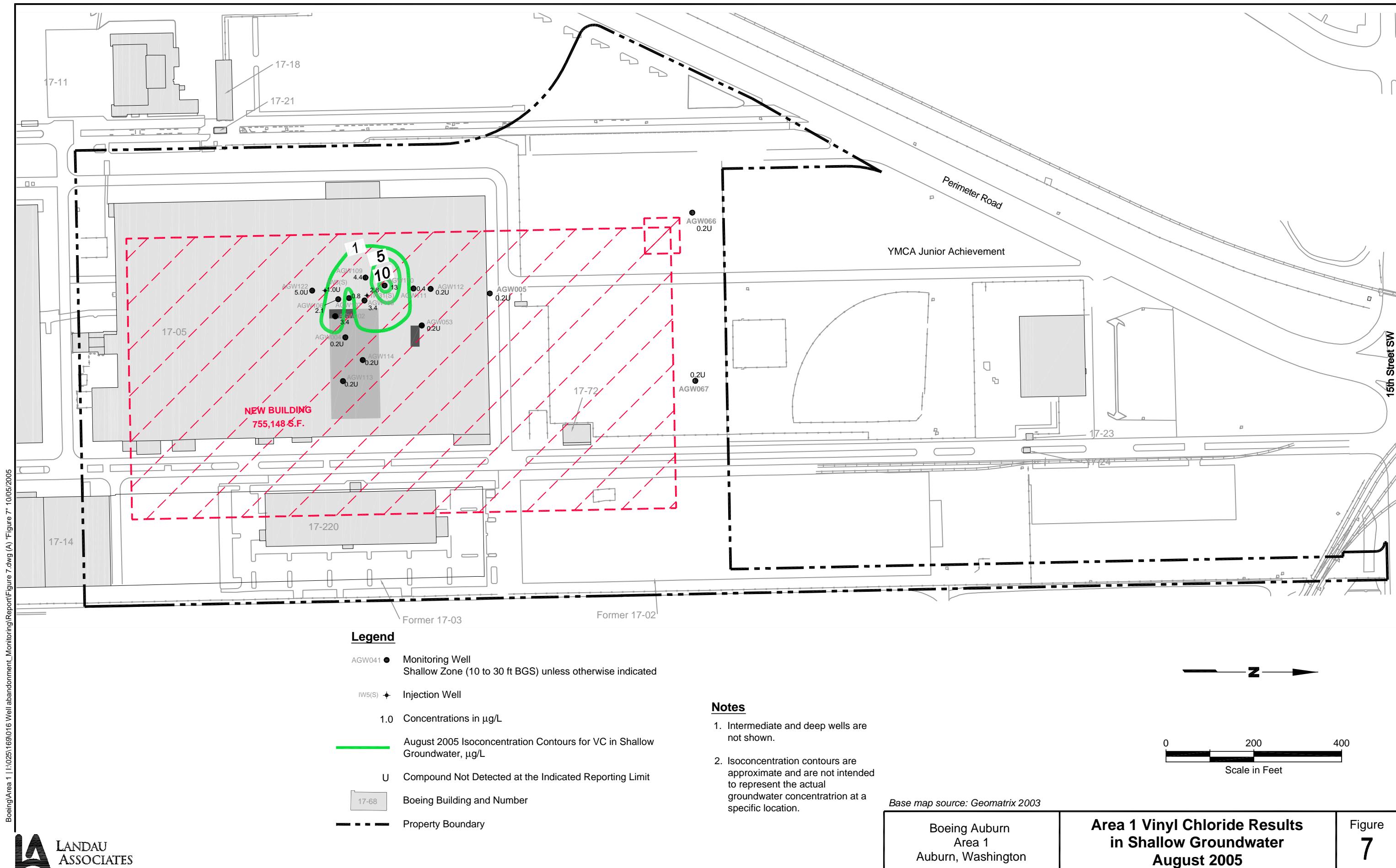


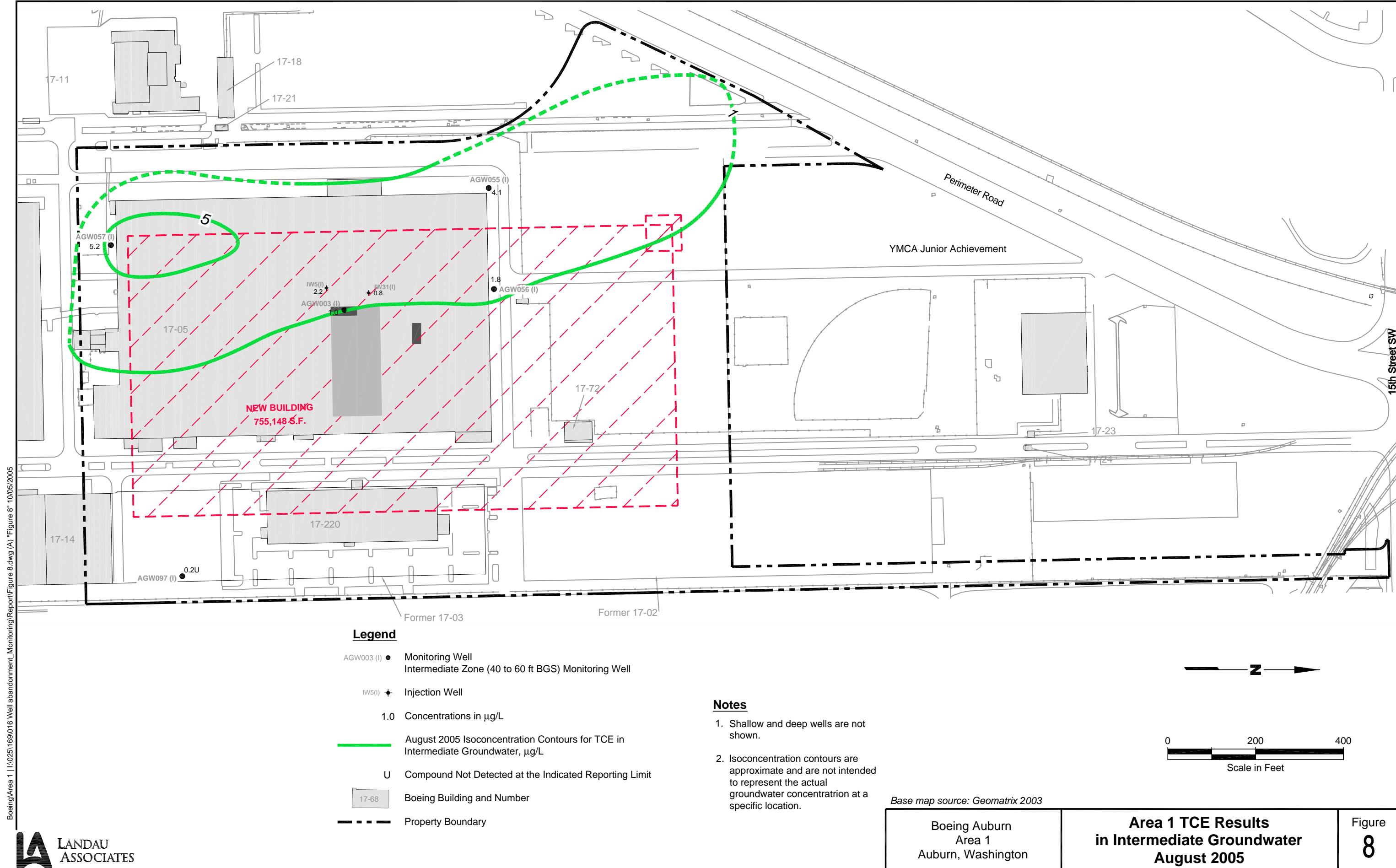


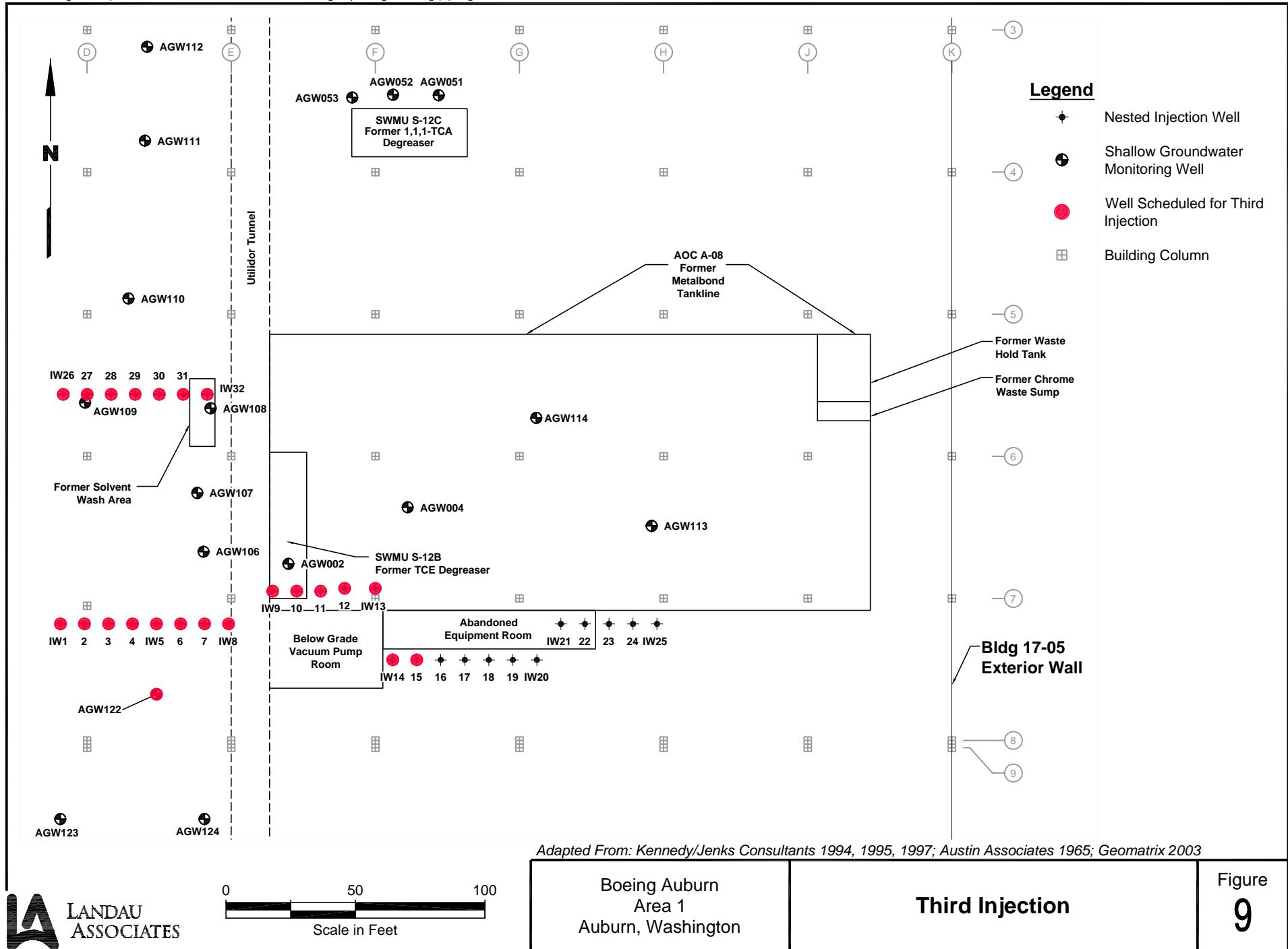


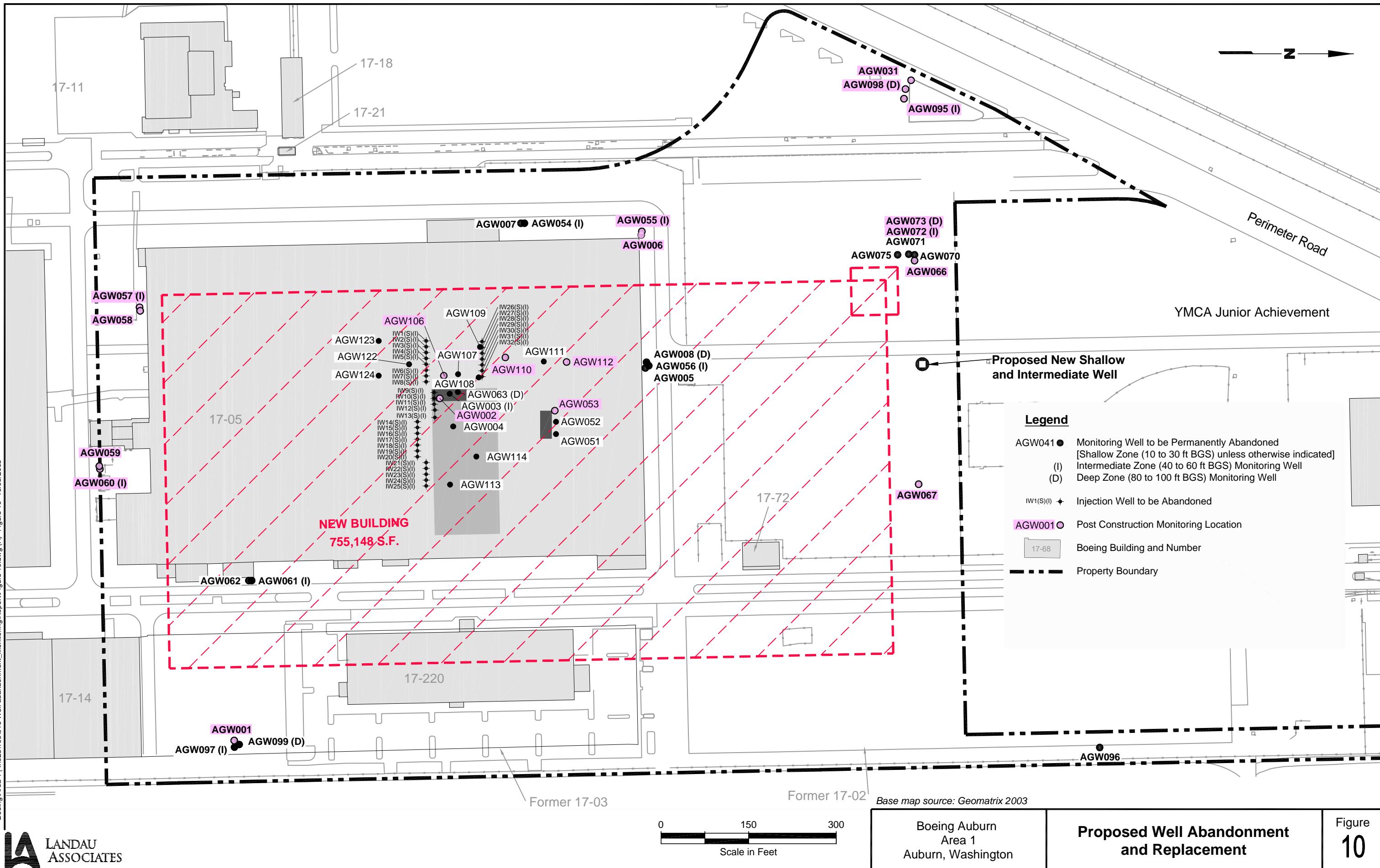


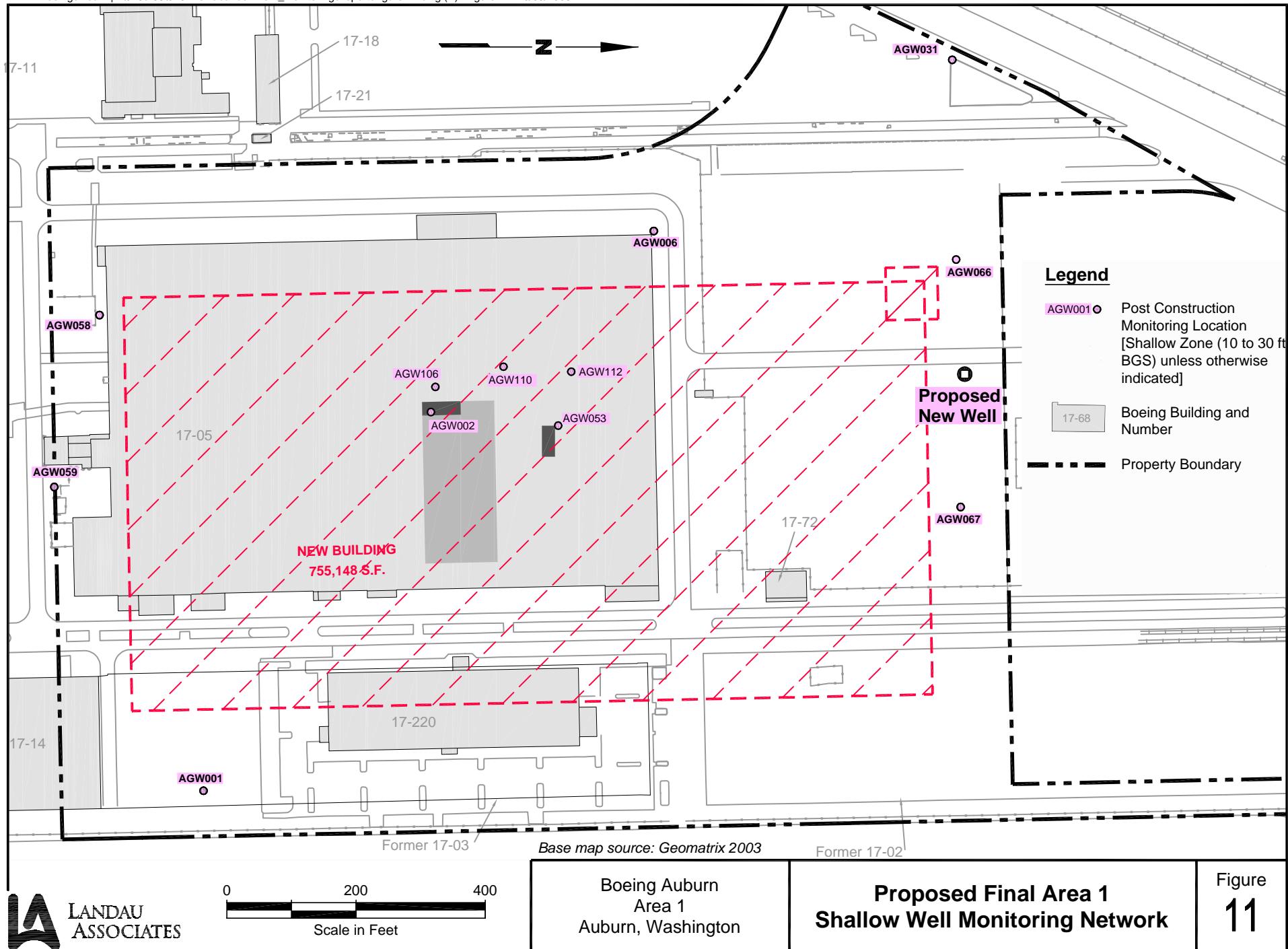


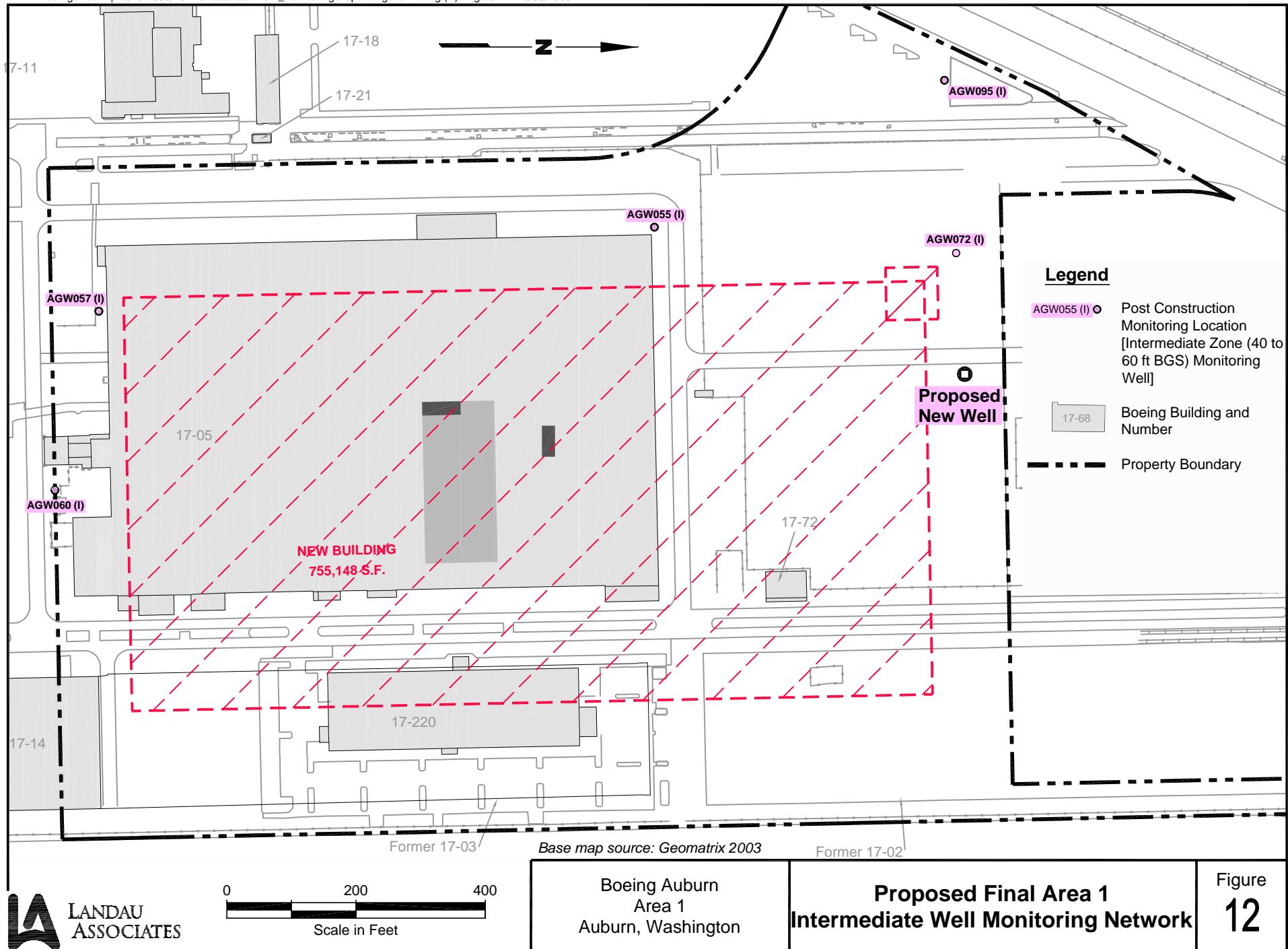


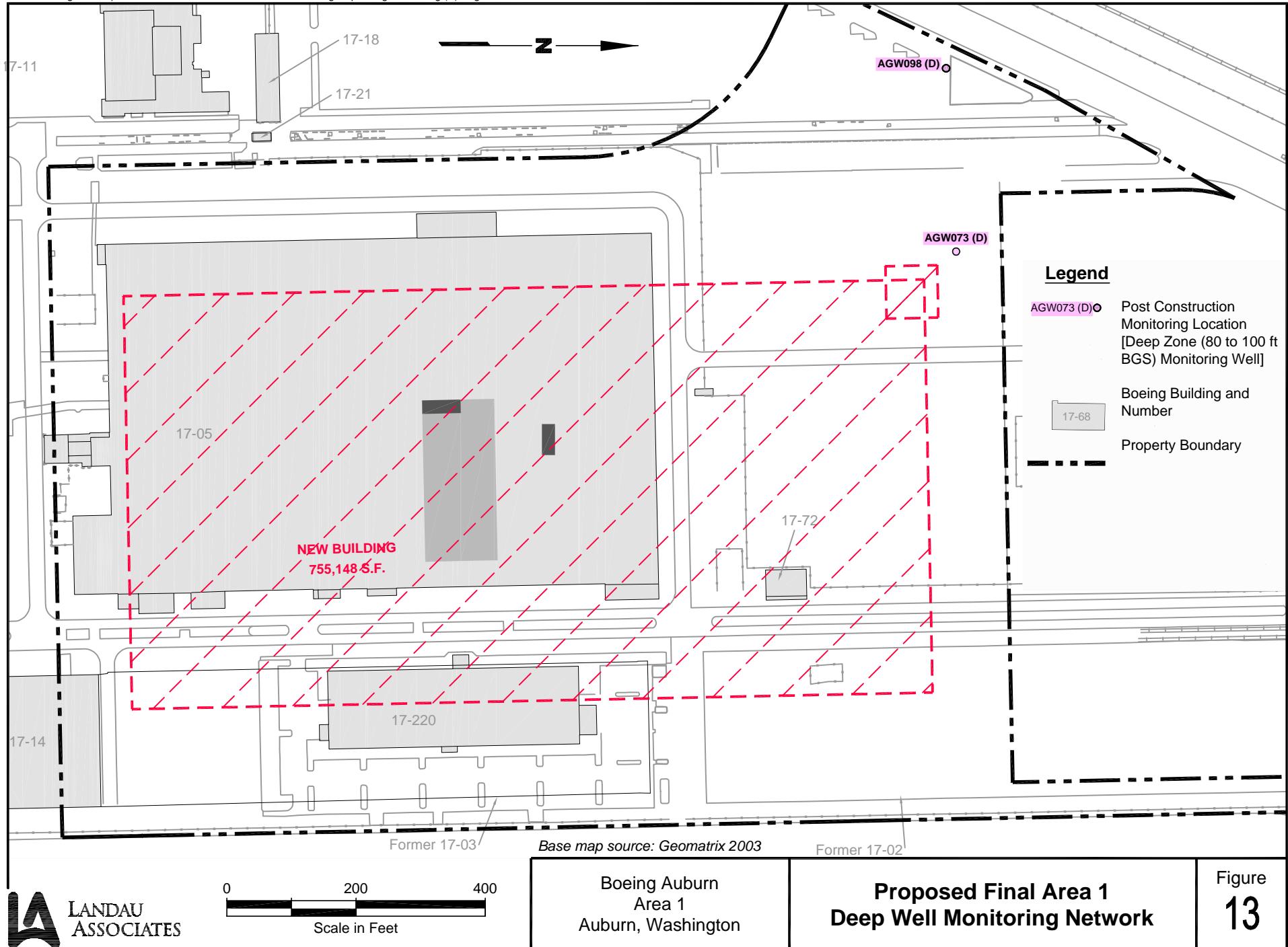












**TABLE 1**  
**AREA 1 PROPERTY TRANSFER SCHEDULE**

Page 1 of 1

Milestone	Responsible Party	Estimated Completion Date
Submit Draft RI Report to Ecology (for Auburn site-wide RI)	Boeing	September 20, 2005 (done)
Begin preparation of modified AO and Part B 'Permit Lite' for new owner	Ecology	September 22, 2005 (ongoing)
Provide original AO and example Part B 'Permit Lite' to prospective purchaser	Boeing	October 6, 2005 (done)
Provide Ecology with draft Revised Interim Action Work Plan	Boeing	October 11, 2004
Complete third donor injection in Area 1	Boeing	October 28, 2005
Meet with Ecology to review AO and Part B 'Permit Lite' language prior to closing	Ecology/Boeing/Purchaser	November 2, 2005
Come to agreement on the modified scope of work for the Interim Action Plan	Ecology/Boeing/Purchaser	November 9, 2005
Provide draft AO and Part B 'Permit Lite' language to Boeing and Purchaser and agree on basic language	Ecology	November 9, 2005
Area 1 property closing	Boeing	November 15, 2005
PLP Letter mailed to Purchaser	Ecology	November 21, 2005
Purchaser signs PLP Letter	Purchaser	November 28, 2005
Provide final comments to draft AO and Part B 'Permit Lite' to Ecology	Boeing/Purchaser	November 28, 2005
Finalize AO and Part B 'Permit Lite'	Ecology	December 05, 2005
Begin 45-day public comment period for AO and Permit	Ecology	December 19, 2005
End 45-day public comment period for AO and Permit	Ecology	February 1, 2006
Complete last groundwater sampling under original IRA Work Plan – Begin 'Phase II' monitoring to be conducted under site re-development	Boeing	February 3, 2006
Respond to Public Comments (Note: if a Public Hearing is required, this date could slip)	Ecology	February 10, 2006
Complete abandonment of injection wells and monitoring well locations	Boeing	February 15, 2005
Sign AO and Part B 'Permit Lite' w/ purchaser and Boeing	Boeing/Purchaser/Ecology	February 21, 2006
Begin demolition of Bldg 17-05 and site re-development	Purchaser	March 1, 2006
Estimated completion date for re-installation of monitoring wells on property – Begin 'Phase III' monitoring under Revised IRA Work Plan	Boeing	November 30, 2006
Submit tech memo documenting re-installation of monitoring wells and first monitoring results to Ecology	Boeing	February 9, 2007
Estimated completion for confirmation/performance monitoring (estimated 18-24 months beyond last round of groundwater injections)	Boeing	April 2007 – October 2007
Submit tech memo documenting post-construction monitoring, rebound evaluation, and MNA progress	Boeing	November 23, 2007
Determine actions to be taken based on the results of the compliance/performance monitoring	Ecology/Boeing	January 2008

**TABLE 2**  
**INTERIM GROUNDWATER MONITORING MATRIX (Revised)**

Well	Depth Class	Description	VOCs 8260 SIM	BTEX 8021B	Cadmium 6010	TPH-Dx NWTPH-Dx (a)	TPH-G NWTPH-Gx
AGW001	S	Boundary	X				
AGW025	S	SWMU S-06/Bldg 17-15	X				
AGW027	S	SWMU S-06/Bldg 17-15	X				
AGW029	S	Boundary	X				
AGW030	S	Boundary	X				
AGW032	S	Boundary	X				
AGW033	S	Boundary	X				
AGW034	D	Boundary	X				
AGW064	S	YMCA/JA	X				
AGW065	S	YMCA/JA	X				
AGW066 (b)	S	Boundary	X				
AGW067 (b)	S	Boundary	X				
AGW068	S	YMCA/JA	X				
AGW069	S	YMCA/JA	X				
AGW074	S	Sentry	X				
AGW081	S	Boundary	X				
AGW085	S	Boundary	X				
AGW087	I	Sentry	X				
AGW088	S	Sentry	X				
AGW089	I	Sentry	X				
AGW090	S	Sentry	X				
AGW091	I	Sentry	X				
AGW100	S	Boundary	X				
AGW101	I	Boundary	X				
AGW105	I	Boundary	X				
AGW119	I	Safeway	X				
AGW120	S	Safeway	X				
AGW121	S	Safeway	X				
AGW055	I	S-12b/Bldg 17-05	X				
AGW056	I	S-12b/Bldg 17-05	X				
AGW057	I	S-12b/Bldg 17-05	X				
AGW041	S	S-15/S-16 (Bldg 17-06)	X			X	
AGW044	S	S-15/S-16 (Bldg 17-06)	X			X	
AGW115	S	S-15/S-16 (Bldg 17-06)	X			X	
AGW116	S	S-15/S-16 (Bldg 17-06)	X			X	
AGW117	S	S-15/S-16 (Bldg 17-06)	X			X	
AGW118	S	S-15/S-16 (Bldg 17-06)	X			X	
AGW010	S	A-01		X		X	X
AGW015	S	A-01		X		X	X
AGW048	S	A-09 (Bldgs 17-07, 17-10)			X		
AGW049	S	A-09 (Bldgs 17-07, 17-10)			X		
AGW050	S	A-09 (Bldgs 17-07, 17-10)			X		

(a) With silica gel and acid wash cleanup.

(b) Wells AGW066 and AGW067 will be monitored quarterly in conjunction with the Interim Action for analysis of VOCs and other parameters.

Note: Shading indicates wells added by Ecology in June 2005

**TABLE 3**  
**GROUNDWATER MONITORING MATRIX CURRENT INTERIM ACTION**

Well	Laboratory (ARI)					Field Measurements			Frequency		
	VOCs (a)	TOC (b)	Ethene/ Ethane/ Methane (c)	Sulfate (d)	qPCR (e)	DO	ORP	pH	Iron II	Monthly	Quarterly
IW1	X	X	X	X		X	X	X	X		
IW5 (S) (I)	X	X	X	X		X	X	X	X	X	X
IW10	X	X	X	X		X	X	X	X		
IW15	X	X	X	X		X	X	X	X		
IW20	X	X	X	X		X	X	X	X		
IW25	X	X	X	X		X	X	X	X		
IW31 (S)	X	X	X	X		X	X	X	X		X
AGW002	X	X	X	X		X	X	X	X	X	X
AGW003 (I)	X	X	X	X		X	X	X	X	X	X
AGW004	X	X	X	X	X	X	X	X	X	X	X
AGW106	X	X	X	X	X	X	X	X	X	X	X
AGW107	X	X	X	X		X	X	X	X	X	X
AGW108	X	X	X	X	X	X	X	X	X	X	X
AGW109	X	X	X	X		X	X	X	X	X	X
AGW110	X	X	X	X	X	X	X	X	X	X	X
AGW111	X	X	X	X		X	X	X	X	X	X
AGW112	X	X	X	X	X	X	X	X	X	X	X
AGW113	X	X	X	X		X	X	X	X	X	X
AGW114	X	X	X	X		X	X	X	X	X	X
AGW053	X	X	X	X		X	X	X	X		X
AGW122	X	X									X
AGW005 (g)	X	X	X	X		X	X	X	X		X
AGW066 (g)	X	X	X	X		X	X	X	X		X
AGW067 (g)	X	X	X	X		X	X	X	X		X

- (a) VOCs by Method 8260; collect 3 40-mL VOAs (HCl).
- (b) TOC by Method 415.1; collect 1 L amber ( $H_2SO_4$ ).
- (c) Ethene/ethane/methane by Method 8015 modified; collect three 40-mL VOAs (no preservative).
- (d) Sulfate by IC Method E300; collect 500 mL poly.
- (e) Quantitative PCR analysis by method BioChor DeCensus2 (BDC-2); to be performed during baseline and quarterly sampling at the indicated wells; collect 1-liter poly (no preservative).
- (f) These two wells will be sampled one more time in February 2005 to confirm initial results.
- (g) These three wells will be monitored to observed the effects of source zone treatment on the downgradient plume. Well AGW005 is located just north of Building 17-05 and wells AGW066 and AGW067 are located further north near the facility property boundary.

**Notes:**

1. Monthly monitoring indicated for selected wells will transition to quarterly monitoring based on evaluation of monitoring results. Lower explosive limit (LEL) monitoring of the below-grade utilidor tunnel and vacuum pump room will also be performed during each monthly or quarterly sampling event.
2. Quarterly monitoring will be performed in early February and May 2005.

**TABLE 4**  
**PROPOSED ABANDONMENT ACTIONS**

Page 1 of 3

Well	Screened Zone	Proposed Action	Rational for Proposed Action
AGW008	D	Permanently Abandon	All results are non-detect for VOCs
AGW063	D	Permanently Abandon	All results are non-detect for VOCs
AGW070	D	Permanently Abandon	Pump test well; Never sampled
AGW099	D	Permanently Abandon	All results are non-detect for VOCs
AGW003	I	Permanently Abandon	TCE detected but below the cleanup level since 1999; Only one vinyl chloride detection and it was below cleanup level.
AGW056	I	Permanently Abandon	VOC detections all below cleanup levels
AGW061	I	Permanently Abandon	VOC detections all below cleanup levels
AGW097	I	Permanently Abandon	All results are non-detect for VOCs
IW5i	I	Permanently Abandon	1.5 inch injection well - All injection wells will be abandoned
AGW004	S	Permanently Abandon	TCE below cleanup level since 1996, vinyl chloride non-detect since January 2005
AGW005	S	Permanently Abandon	VOC detections all below cleanup levels; monitoring covered by proposed new downgradient well
AGW006	S	Permanently Abandon	Continued decline of TCE; no vinyl chloride detections; continued downgradient monitoring at AGW031 and AGW066.
AGW007	S	Permanently Abandon	VOC detections all below cleanup levels
AGW051	S	Permanently Abandon	VOC detections all below cleanup levels monitoring covered by downgradient wells AGW067(shallow) and proposed new well
AGW052	S	Permanently Abandon	monitoring covered by downgradient wells AGW067(shallow) and crossgradient well AGW053
AGW054	I	Permanently Abandon	VOC detections all below cleanup levels; covered by ongoing monitoring at downgradient well AGW055(i)
AGW062	S	Permanently Abandon	VOC detections all below cleanup levels
AGW071	S	Permanently Abandon	Piezometer; never sampled
AGW075	S	Permanently Abandon	Piezometer; never sampled
AGW096	S	Permanently Abandon	All results are non-detect for VOCs
AGW107	S	Permanently Abandon	Covered by ongoing monitoring at downgradient well AGW106
AGW108	S	Permanently Abandon	Covered by ongoing monitoring at downgradient well AGW110
AGW109	S	Permanently Abandon	Covered by ongoing monitoring at downgradient well AGW110
AGW111	S	Permanently Abandon	Covered by ongoing monitoring at downgradient well AGW112
AGW113	S	Permanently Abandon	TCE detected below cleanup levels. Non detect for vinyl chloride
AGW114	S	Permanently Abandon	TCE detected below cleanup levels. Non detect for vinyl chloride
AGW122	S	Permanently Abandon	Covered by ongoing monitoring at downgradient well AGW106
AGW123	S	Permanently Abandon	All results are non-detect for VOCs
AGW124	S	Permanently Abandon	All results are non-detect for VOCs

**TABLE 4**  
**PROPOSED ABANDONMENT ACTIONS**

Page 2 of 3

Shallow injection wells	S	Permanently Abandon	1.5 inch injection well - All injection wells will be abandoned.
Deep injection wells	I	Permanently Abandon	1.5 inch injection well - All injection wells will be abandoned
AGW073	D	Post Construction Monitoring Location: Not Abandoned	Downgradient well in deep zone.
AGW098	D	Post Construction Monitoring Location: Temporarily Abandon	Downgradient well in deep zone.
AGW055	I	Post Construction Monitoring Location: Temporarily Abandon	Downgradient well in intermediate zone. Part of current site wide interim groundwater monitoring plan.
AGW057	I	Post Construction Monitoring Location: Temporarily Abandon	Upgradient well in intermediate zone. Part of current site wide interim groundater monitoring plan.
AGW060	I	Post Construction Monitoring Location: Temporarily Abandon	Upgradient well in intermediate zone.
AGW072	I	Post Construction Monitoring Location: Not Abandoned	Downgradient well in intermediate zone.
AGW095	I	Post Construction Monitoring Location: Temporarily Abandon	Downgradient well in intermediate zone
AGW001	S	Post Construction Monitoring Location: Temporarily Abandon	Upgradient well in shallow zone. Part of current site wide interim monitoring plan.
AGW002	S	Post Construction Monitoring Location: Temporarily Abandon	Source zone well for monitoring rebound. Located within footprint of former degreaser.
AGW031	S	Post Construction Monitoring Location: Temporarily Abandon	Downgradient well in shallow zone. Part of current site wide interim monitoring plan.
AGW053	S	Post Construction Monitoring Location: Temporarily Abandon	Source zone well for monitoring rebound. Directly downgradient of source area.
AGW058	S	Post Construction Monitoring Location: Temporarily Abandon	Upgradient boundry well, monitors for contaminants coming into Area 1
AGW059	S	Post Construction Monitoring Location: Temporarily Abandon	Upgradient well in shallow zone
AGW066	S	Post Construction Monitoring Location: Not Abandoned	Downgradient well in shallow zone. Part of site wide interim groundwater monitoring plan.
AGW067	S	Post Construction Monitoring Location: Not Abandoned	Downgradient well in shallow zone. Part of site wide interim groundwater monitoring plan.

**TABLE 4**  
**PROPOSED ABANDONMENT ACTIONS**

Page 3 of 3

AGW106	S	Post Construction Monitoring Location: Temporarily Abandon	Source zone well for monitoring rebound. Located within defined source zone.
AGW110	S	Post Construction Monitoring Location: Temporarily Abandon	Source zone well for monitoring rebound. Located within defined source zone.
AGW112	S	Post Construction Monitoring Location: Temporarily Abandon	Source zone well for monitoring rebound. Directly downgradient of source area.

**TABLE 5**  
**PHASE II GROUNDWATER MONITORING MATRIX**

Well	Laboratory (ARI)					Field Measurements				Frequency
	VOCs (a)	TOC (b)	Ethane/ Ethane/ Methane (c)	Sulfate (d)	qPCR (e)	DO	ORP	pH	Iron II	
AGW001	X					X	X	X		X
AGW066 (f)	X	X	X	X		X	X	X	X	X
AGW067 (f)	X	X	X	X		X	X	X	X	X
AGW072	X					X	X	X		X
AGW073	X					X	X	X		X

- (a) VOCs by Method 8260; collect 3 40-mL VOAs (HCl). Vinyl chloride and 1,1-dichloroethene by SIM.
- (b) TOC by Method 415.1; collect 1 L amber ( $H_2SO_4$ ).
- (c) Ethene/ethane/methane by Method 8015 modified; collect three 40-mL VOAs (no preservative).
- (d) Sulfate by IC Method E300; collect 500 mL poly.
- (e) Quantitative PCR analysis by method BioChor DeCensus2 (BDC-2); to be performed during baseline and quarterly sampling at the indicated wells; collect 1-liter poly (no preservative).
- (f) Source Area Monitoring Well

Note:

Phase II quarterly monitoring will be performed in May and August 2006.

**TABLE 6**  
**PHASE III GROUNDWATER MONITORING MATRIX**

Well	Laboratory (ARI)					Field Measurements				Frequency
	VOCs (a)	TOC (b)	Ethene/Ethane/ Methane (c)	Sulfate (d)	qPCR (e)	DO	ORP	pH	Iron II	
AGW001	X					X	X	X		X
AGW002 (f)	X	X	X	X		X	X	X	X	X
AGW031	X					X	X	X		X
AGW053 (f)	X	X	X	X		X	X	X	X	X
AGW055	X					X	X	X		X
AGW057	X					X	X	X		X
AGW058	X					X	X	X		X
AGW059	X					X	X	X		X
AGW060	X					X	X	X		X
AGW066 (f)	X	X	X	X		X	X	X	X	X
AGW067 (f)	X	X	X	X		X	X	X	X	X
AGW072	X					X	X	X		X
AGW073	X					X	X	X		X
AGW095	X					X	X	X		X
AGW098	X					X	X	X		X
AGW106 (f)	X	X	X	X	X	X	X	X	X	X
AGW110 (f)	X	X	X	X	X	X	X	X	X	X
AGW112 (f)	X	X	X	X	X	X	X	X	X	X

(a) VOCs by Method 8260; collect 3 40-mL VOAs (HCl). Vinyl chloride and 1,1-dichloroethene by SIM.

(b) TOC by Method 415.1; collect 1 L amber ( $H_2SO_4$ ).

(c) Ethene/ethane/methane by Method 8015 modified; collect three 40-mL VOAs (no preservative).

(d) Sulfate by IC Method E300; collect 500 mL poly.

(e) Quantitative PCR analysis by method BioChor DeCensus2 (BDC-2); to be performed during baseline and quarterly sampling at the indicated wells; collect 1-liter poly (no preservative).

**Notes:**

Phase III quarterly monitoring will begin in November 2006

**TABLE 7**  
**REVISED AREA 1 IRA MONITORING PLAN SCHEDULE**

Page 1 of 1

<b>Phase</b>	<b>Event</b>	<b>Date</b>
Phase I		
	Current IRA monitoring plan quarterly sampling	Nov 1 – Nov 3, 2005
	Current IRA monitoring plan monthly sampling	Dec 1 – Dec 2, 2005
	Current IRA monitoring plan monthly sampling	Jan 2 – Jan 3, 2005
	Current interim site wide semi annual sampling	Jan 4 – Jan 5, 2006
	Current IRA monitoring plan quarterly sampling	Feb 1 – Feb 3, 2006
	Area 1 well abandonment	Feb 6 – Feb 15, 2006
	End Phase I	Feb 28, 2006
Phase II		
	Begin Area 1 demolition and construction	March 1, 2006
	Phase II quarterly sampling	May 1, 2006
	Phase II quarterly sampling	August 1, 2006
	End Phase II	November 30, 2006
Phase III		
	Reinstall and survey temporarily abandoned wells	Dec 1 – Dec 31, 2006
	Quarterly Phase III quarterly monitoring	Jan 1 – Jan 4, 2007
	Submit status memorandum to Ecology documenting well reinstallation and initial Phase III sampling results	Feb 9, 2007
	Quarterly Phase III quarterly monitoring	Apr 1 – Apr 2, 2007
	Quarterly Phase III quarterly monitoring	July 4 – July 5, 2007
	Quarterly Phase III quarterly monitoring	Oct 3 – Oct 4, 2007
	Submit technical memorandum to Ecology evaluating Phase III monitoring results and presenting modifications to the monitoring plan as appropriate	Nov 23, 2007

---

**APPENDIX A**

**Shallow Well VOC Results**

## Shallow Well VOC Results

Location	Sample Date	Analyte	Result (µg/L)	Flag
<b>AGW001</b>				
AGW001	12/08/1995	cis-1,2-Dichloroethene	1	U
AGW001	03/27/1996	cis-1,2-Dichloroethene	1	U
AGW001	06/19/1996	cis-1,2-Dichloroethene	1	U
AGW001	09/25/1996	cis-1,2-Dichloroethene	1	U
AGW001	12/11/1996	cis-1,2-Dichloroethene	1	UJ
AGW001	03/12/1997	cis-1,2-Dichloroethene	1	U
AGW001	09/08/1997	cis-1,2-Dichloroethene	0.2	U
AGW001	03/24/1998	cis-1,2-Dichloroethene	0.2	U
AGW001	09/01/1998	cis-1,2-Dichloroethene	0.2	U
AGW001	02/15/1999	cis-1,2-Dichloroethene	0.2	U
AGW001	08/25/1999	cis-1,2-Dichloroethene	1	U
AGW001	03/08/2000	cis-1,2-Dichloroethene	1	U
AGW001	11/06/2000	cis-1,2-Dichloroethene	0.2	U
AGW001	05/15/2001	cis-1,2-Dichloroethene	0.2	U
AGW001	11/06/2001	cis-1,2-Dichloroethene	0.2	U
AGW001	05/21/2002	cis-1,2-Dichloroethene	0.2	U
AGW001	11/24/2002	cis-1,2-Dichloroethene	0.2	U
AGW001	05/22/2003	cis-1,2-Dichloroethene	0.2	U
AGW001	12/16/2003	cis-1,2-Dichloroethene	0.2	U
AGW001	06/01/2004	cis-1,2-Dichloroethene	0.2	U
AGW001	12/07/2004	cis-1,2-Dichloroethene	0.2	U
AGW001	05/24/2005	cis-1,2-Dichloroethene	0.2	U
AGW001	06/28/1994	Trichloroethene	5.64	
AGW001	09/21/1994	Trichloroethene	4.66	
AGW001	03/22/1995	Trichloroethene	3.25	
AGW001	12/08/1995	Trichloroethene	3	
AGW001	03/27/1996	Trichloroethene	4	
AGW001	06/19/1996	Trichloroethene	3.1	
AGW001	09/25/1996	Trichloroethene	3.3	
AGW001	12/11/1996	Trichloroethene	3.7 J	
AGW001	03/12/1997	Trichloroethene	3.4	
AGW001	09/08/1997	Trichloroethene	2.7	
AGW001	03/24/1998	Trichloroethene	4	
AGW001	09/01/1998	Trichloroethene	3.6	
AGW001	02/15/1999	Trichloroethene	3.8	
AGW001	08/25/1999	Trichloroethene	3.3	
AGW001	03/08/2000	Trichloroethene	3.6	
AGW001	11/06/2000	Trichloroethene	4.1	
AGW001	05/15/2001	Trichloroethene	3.9	
AGW001	11/06/2001	Trichloroethene	4	
AGW001	05/21/2002	Trichloroethene	4.8	
AGW001	11/24/2002	Trichloroethene	4.8	
AGW001	05/22/2003	Trichloroethene	4.1	
AGW001	12/16/2003	Trichloroethene	3.5	
AGW001	06/01/2004	Trichloroethene	3.8	
AGW001	12/07/2004	Trichloroethene	4.3	
AGW001	05/24/2005	Trichloroethene	3.8	
AGW001	12/08/1995	Vinyl Chloride	2	U
AGW001	03/27/1996	Vinyl Chloride	2	U
AGW001	06/19/1996	Vinyl Chloride	2	U
AGW001	09/25/1996	Vinyl Chloride	2	U
AGW001	12/11/1996	Vinyl Chloride	2 UJ	

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW001	03/12/1997	Vinyl Chloride	2	U
AGW001	09/08/1997	Vinyl Chloride	0.2	U
AGW001	03/24/1998	Vinyl Chloride	0.2	U
AGW001	09/01/1998	Vinyl Chloride	0.2	U
AGW001	02/15/1999	Vinyl Chloride	0.2	U
AGW001	08/25/1999	Vinyl Chloride	1	U
AGW001	03/08/2000	Vinyl Chloride	1	U
AGW001	11/06/2000	Vinyl Chloride	0.2	U
AGW001	05/15/2001	Vinyl Chloride	0.2	U
AGW001	11/06/2001	Vinyl Chloride	0.2	U
AGW001	05/21/2002	Vinyl Chloride	0.2	U
AGW001	11/24/2002	Vinyl Chloride	0.2	U
AGW001	05/22/2003	Vinyl Chloride	0.2	U
AGW001	12/16/2003	Vinyl Chloride	0.2	U
AGW001	06/01/2004	Vinyl Chloride	0.02	U
AGW001	12/07/2004	Vinyl Chloride	0.02	U
AGW001	05/24/2005	Vinyl Chloride	0.02	U
<b>AGW002</b>				
AGW002	06/27/1994	cis-1,2-Dichloroethene	5.7	
AGW002	07/27/1994	cis-1,2-Dichloroethene	7.48	
AGW002	12/15/1994	cis-1,2-Dichloroethene	260	
AGW002	12/12/1995	cis-1,2-Dichloroethene	24	
AGW002	03/21/1996	cis-1,2-Dichloroethene	13	
AGW002	06/21/1996	cis-1,2-Dichloroethene	7.9	
AGW002	10/03/1996	cis-1,2-Dichloroethene	1.7	
AGW002	12/17/1996	cis-1,2-Dichloroethene	1.6	
AGW002	03/18/1997	cis-1,2-Dichloroethene	1.6	
AGW002	09/11/1997	cis-1,2-Dichloroethene	0.9	
AGW002	03/25/1998	cis-1,2-Dichloroethene	0.9	
AGW002	09/04/1998	cis-1,2-Dichloroethene	1.6	
AGW002	02/18/1999	cis-1,2-Dichloroethene	4.4	
AGW002	08/31/1999	cis-1,2-Dichloroethene	1.4	
AGW002	03/15/2000	cis-1,2-Dichloroethene	2.8	
AGW002	11/09/2000	cis-1,2-Dichloroethene	2.2	
AGW002	05/22/2001	cis-1,2-Dichloroethene	2.1	
AGW002	11/06/2001	cis-1,2-Dichloroethene	3.1	
AGW002	05/21/2002	cis-1,2-Dichloroethene	5.5	
AGW002	11/23/2002	cis-1,2-Dichloroethene	2.9	
AGW002	05/23/2003	cis-1,2-Dichloroethene	4.4	
AGW002	12/19/2003	cis-1,2-Dichloroethene	2.1	
AGW002	06/14/2004	cis-1,2-Dichloroethene	5	
AGW002	06/17/2004	cis-1,2-Dichloroethene	5.0	
AGW002	08/30/2004	cis-1,2-Dichloroethene	3.9	
AGW002	10/04/2004	cis-1,2-Dichloroethene	6.6	
AGW002	11/01/2004	cis-1,2-Dichloroethene	10	
AGW002	12/08/2004	cis-1,2-Dichloroethene	7.6	
AGW002	12/09/2004	cis-1,2-Dichloroethene	7.9	
AGW002	01/03/2005	cis-1,2-Dichloroethene	7.6	
AGW002	02/10/2005	cis-1,2-Dichloroethene	6.0	
AGW002	03/07/2005	cis-1,2-Dichloroethene	5.1	
AGW002	04/04/2005	cis-1,2-Dichloroethene	4.6	
AGW002	05/03/2005	cis-1,2-Dichloroethene	4.4	
AGW002	06/01/2005	cis-1,2-Dichloroethene	5.0	
AGW002	07/05/2005	cis-1,2-Dichloroethene	4.6	
AGW002	08/09/2005	cis-1,2-Dichloroethene	4.8	

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW002	09/07/2005	cis-1,2-Dichloroethene	5.5	
AGW002	06/27/1994	Trichloroethene	1433	
AGW002	07/27/1994	Trichloroethene	807	
AGW002	12/15/1994	Trichloroethene	45	
AGW002	12/12/1995	Trichloroethene	13	
AGW002	03/21/1996	Trichloroethene	6.2	
AGW002	06/21/1996	Trichloroethene	5.3	
AGW002	10/03/1996	Trichloroethene	4.1	
AGW002	12/17/1996	Trichloroethene	4.6	
AGW002	03/18/1997	Trichloroethene	4	
AGW002	09/11/1997	Trichloroethene	3.4	
AGW002	03/25/1998	Trichloroethene	2.6	
AGW002	09/04/1998	Trichloroethene	2.9	
AGW002	02/18/1999	Trichloroethene	2.4	
AGW002	08/31/1999	Trichloroethene	1.8	
AGW002	03/15/2000	Trichloroethene	2.7	
AGW002	11/09/2000	Trichloroethene	4.9	
AGW002	05/22/2001	Trichloroethene	5.2	
AGW002	11/06/2001	Trichloroethene	6.5	
AGW002	05/21/2002	Trichloroethene	5.9	
AGW002	11/23/2002	Trichloroethene	7.1	
AGW002	05/23/2003	Trichloroethene	7.3	
AGW002	12/19/2003	Trichloroethene	7.5	
AGW002	06/14/2004	Trichloroethene	7	
AGW002	06/17/2004	Trichloroethene	7.0	
AGW002	08/30/2004	Trichloroethene	1.6	
AGW002	10/04/2004	Trichloroethene	1.6	
AGW002	11/01/2004	Trichloroethene	1.3 M	
AGW002	12/08/2004	Trichloroethene	1.0 U	
AGW002	12/09/2004	Trichloroethene	0.6 U	
AGW002	01/03/2005	Trichloroethene	0.6	
AGW002	02/10/2005	Trichloroethene	0.4	
AGW002	03/07/2005	Trichloroethene	0.4	
AGW002	04/04/2005	Trichloroethene	0.2	
AGW002	05/03/2005	Trichloroethene	0.3	
AGW002	06/01/2005	Trichloroethene	0.4	
AGW002	07/05/2005	Trichloroethene	0.5	
AGW002	08/09/2005	Trichloroethene	0.6	
AGW002	09/07/2005	Trichloroethene	0.6	
AGW002	12/12/1995	Vinyl Chloride	21	
AGW002	03/21/1996	Vinyl Chloride	9.8	
AGW002	06/21/1996	Vinyl Chloride	11	
AGW002	10/03/1996	Vinyl Chloride	9.1	
AGW002	12/17/1996	Vinyl Chloride	5.3	
AGW002	03/18/1997	Vinyl Chloride	4.7	
AGW002	09/11/1997	Vinyl Chloride	5.4	
AGW002	03/25/1998	Vinyl Chloride	5.6	
AGW002	09/04/1998	Vinyl Chloride	4.7	
AGW002	02/18/1999	Vinyl Chloride	6.1	
AGW002	08/31/1999	Vinyl Chloride	6.3	
AGW002	03/15/2000	Vinyl Chloride	8.5	
AGW002	11/09/2000	Vinyl Chloride	4.7	
AGW002	05/22/2001	Vinyl Chloride	1.9	

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW002	11/06/2001	Vinyl Chloride	1.9	
AGW002	05/21/2002	Vinyl Chloride	5.5	
AGW002	11/23/2002	Vinyl Chloride	3.3	
AGW002	05/23/2003	Vinyl Chloride	3.4	
AGW002	12/19/2003	Vinyl Chloride	2.2	
AGW002	06/14/2004	Vinyl Chloride	3.5	
AGW002	06/17/2004	Vinyl Chloride	3.5	
AGW002	08/30/2004	Vinyl Chloride	1.5	
AGW002	10/04/2004	Vinyl Chloride	1.1	
AGW002	11/01/2004	Vinyl Chloride	2.7	
AGW002	12/08/2004	Vinyl Chloride	1.2	
AGW002	12/09/2004	Vinyl Chloride	2.2	
AGW002	01/03/2005	Vinyl Chloride	1.6	
AGW002	02/10/2005	Vinyl Chloride	2.3	
AGW002	03/07/2005	Vinyl Chloride	2.4	
AGW002	04/04/2005	Vinyl Chloride	1.8	
AGW002	05/03/2005	Vinyl Chloride	2.1	
AGW002	06/01/2005	Vinyl Chloride	3.0	
AGW002	07/05/2005	Vinyl Chloride	3.4	
AGW002	08/09/2005	Vinyl Chloride	3.4	
AGW002	09/07/2005	Vinyl Chloride	3.0	
<b>AGW004</b>				
AGW004	12/12/1995	cis-1,2-Dichloroethene	1.1	
AGW004	03/21/1996	cis-1,2-Dichloroethene	1 U	
AGW004	06/21/1996	cis-1,2-Dichloroethene	1 U	
AGW004	10/03/1996	cis-1,2-Dichloroethene	1 U	
AGW004	12/19/1996	cis-1,2-Dichloroethene	1 U	
AGW004	03/18/1997	cis-1,2-Dichloroethene	1 U	
AGW004	06/17/2004	cis-1,2-Dichloroethene	0.2 U	
AGW004	09/01/2004	cis-1,2-Dichloroethene	0.8	
AGW004	10/04/2004	cis-1,2-Dichloroethene	1.6	
AGW004	11/01/2004	cis-1,2-Dichloroethene	2.5	
AGW004	12/10/2004	cis-1,2-Dichloroethene	2.3	
AGW004	01/04/2005	cis-1,2-Dichloroethene	2.2	
AGW004	02/07/2005	cis-1,2-Dichloroethene	2.7	
AGW004	03/07/2005	cis-1,2-Dichloroethene	2.1	
AGW004	04/04/2005	cis-1,2-Dichloroethene	1.9	
AGW004	05/02/2005	cis-1,2-Dichloroethene	2.2	
AGW004	06/01/2005	cis-1,2-Dichloroethene	1.8	
AGW004	07/05/2005	cis-1,2-Dichloroethene	1.5	
AGW004	08/09/2005	cis-1,2-Dichloroethene	1.7	
AGW004	09/07/2005	cis-1,2-Dichloroethene	2.1	
AGW004	06/27/1994	Trichloroethene	30.7	
AGW004	07/27/1994	Trichloroethene	24.8	
AGW004	12/15/1994	Trichloroethene	1.6	
AGW004	03/30/1995	Trichloroethene	6.06	
AGW004	12/12/1995	Trichloroethene	5.7	
AGW004	03/21/1996	Trichloroethene	2.6	
AGW004	06/21/1996	Trichloroethene	3	
AGW004	10/03/1996	Trichloroethene	2.8	
AGW004	12/19/1996	Trichloroethene	4	
AGW004	03/18/1997	Trichloroethene	2.2	
AGW004	06/17/2004	Trichloroethene	1.3	
AGW004	09/01/2004	Trichloroethene	1.3	

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW004	10/04/2004	Trichloroethene	0.6	
AGW004	11/01/2004	Trichloroethene	0.3	
AGW004	12/10/2004	Trichloroethene	0.7	
AGW004	01/04/2005	Trichloroethene	0.3	
AGW004	02/07/2005	Trichloroethene	0.4	
AGW004	03/07/2005	Trichloroethene	0.3	
AGW004	04/04/2005	Trichloroethene	0.2	
AGW004	05/02/2005	Trichloroethene	0.2	
AGW004	06/01/2005	Trichloroethene	0.3	
AGW004	07/05/2005	Trichloroethene	0.4	
AGW004	08/09/2005	Trichloroethene	0.5	
AGW004	09/07/2005	Trichloroethene	0.5	
AGW004	12/12/1995	Vinyl Chloride	2 U	
AGW004	03/21/1996	Vinyl Chloride	2 U	
AGW004	06/21/1996	Vinyl Chloride	2 U	
AGW004	10/03/1996	Vinyl Chloride	2 U	
AGW004	12/19/1996	Vinyl Chloride	2 U	
AGW004	03/18/1997	Vinyl Chloride	2 U	
AGW004	06/17/2004	Vinyl Chloride	0.2 U	
AGW004	09/01/2004	Vinyl Chloride	0.2 U	
AGW004	10/04/2004	Vinyl Chloride	0.2 U	
AGW004	11/01/2004	Vinyl Chloride	0.2 U	
AGW004	12/10/2004	Vinyl Chloride	0.5	
AGW004	01/04/2005	Vinyl Chloride	0.2 U	
AGW004	02/07/2005	Vinyl Chloride	0.2 U	
AGW004	03/07/2005	Vinyl Chloride	0.2 U	
AGW004	04/04/2005	Vinyl Chloride	0.2 U	
AGW004	05/02/2005	Vinyl Chloride	0.2 U	
AGW004	06/01/2005	Vinyl Chloride	0.2 U	
AGW004	07/05/2005	Vinyl Chloride	0.2 U	
AGW004	08/09/2005	Vinyl Chloride	0.2 U	
AGW004	09/07/2005	Vinyl Chloride	0.2 U	
<b>AGW005</b>				
AGW005	12/07/1995	cis-1,2-Dichloroethene	1 U	
AGW005	03/27/1996	cis-1,2-Dichloroethene	1 U	
AGW005	06/19/1996	cis-1,2-Dichloroethene	1 U	
AGW005	10/03/1996	cis-1,2-Dichloroethene	1 U	
AGW005	12/18/1996	cis-1,2-Dichloroethene	1 U	
AGW005	03/14/1997	cis-1,2-Dichloroethene	1 U	
AGW005	02/10/2005	cis-1,2-Dichloroethene	0.2	
AGW005	05/03/2005	cis-1,2-Dichloroethene	0.2 U	
AGW005	08/12/2005	cis-1,2-Dichloroethene	0.2 U	
AGW005	06/28/1994	Trichloroethene	3.17	
AGW005	07/26/1994	Trichloroethene	2.69	
AGW005	09/22/1994	Trichloroethene	6	
AGW005	03/29/1995	Trichloroethene	2.62	
AGW005	12/07/1995	Trichloroethene	5.6	
AGW005	03/27/1996	Trichloroethene	2.4	
AGW005	06/19/1996	Trichloroethene	2.4	
AGW005	10/03/1996	Trichloroethene	3.8	
AGW005	12/18/1996	Trichloroethene	4.8	
AGW005	03/14/1997	Trichloroethene	2.3	
AGW005	02/10/2005	Trichloroethene	2.4	

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW005	05/03/2005	Trichloroethene	1.4	
AGW005	08/12/2005	Trichloroethene	1.0	
AGW005	12/07/1995	Vinyl Chloride	2 U	
AGW005	03/27/1996	Vinyl Chloride	2 U	
AGW005	06/19/1996	Vinyl Chloride	2 U	
AGW005	10/03/1996	Vinyl Chloride	2 U	
AGW005	12/18/1996	Vinyl Chloride	2 U	
AGW005	03/14/1997	Vinyl Chloride	2 U	
AGW005	02/10/2005	Vinyl Chloride	0.2 U	
AGW005	05/03/2005	Vinyl Chloride	0.2 U	
AGW005	08/12/2005	Vinyl Chloride	0.2 U	
<b>AGW006</b>				
AGW006	06/28/1994	cis-1,2-Dichloroethene	14.3	
AGW006	07/26/1994	cis-1,2-Dichloroethene	7.36	
AGW006	09/22/1994	cis-1,2-Dichloroethene	13.15	
AGW006	03/22/1995	cis-1,2-Dichloroethene	18.93	
AGW006	12/07/1995	cis-1,2-Dichloroethene	11	
AGW006	03/26/1996	cis-1,2-Dichloroethene	15	
AGW006	06/19/1996	cis-1,2-Dichloroethene	12	
AGW006	09/26/1996	cis-1,2-Dichloroethene	15 J	
AGW006	12/18/1996	cis-1,2-Dichloroethene	17	
AGW006	03/13/1997	cis-1,2-Dichloroethene	11	
AGW006	12/21/2003	cis-1,2-Dichloroethene	3	
AGW006	03/01/2004	cis-1,2-Dichloroethene	2.8	
AGW006	06/14/2004	cis-1,2-Dichloroethene	1.6	
AGW006	08/18/2004	cis-1,2-Dichloroethene	0.3	
AGW006	12/09/2004	cis-1,2-Dichloroethene	4.9	
AGW006	06/28/1994	Trichloroethene	9.35	
AGW006	07/26/1994	Trichloroethene	6.17	
AGW006	09/22/1994	Trichloroethene	11.89	
AGW006	03/22/1995	Trichloroethene	18.98	
AGW006	12/07/1995	Trichloroethene	7.9	
AGW006	03/26/1996	Trichloroethene	14	
AGW006	06/19/1996	Trichloroethene	12	
AGW006	09/26/1996	Trichloroethene	12 J	
AGW006	12/18/1996	Trichloroethene	15	
AGW006	03/13/1997	Trichloroethene	12	
AGW006	12/21/2003	Trichloroethene	7.1	
AGW006	03/01/2004	Trichloroethene	8	
AGW006	06/14/2004	Trichloroethene	4.4	
AGW006	08/18/2004	Trichloroethene	1.3	
AGW006	12/09/2004	Trichloroethene	5	
AGW006	12/07/1995	Vinyl Chloride	2 U	
AGW006	03/26/1996	Vinyl Chloride	2 U	
AGW006	06/19/1996	Vinyl Chloride	2 U	
AGW006	09/26/1996	Vinyl Chloride	2 UJ	
AGW006	12/18/1996	Vinyl Chloride	2 U	
AGW006	03/13/1997	Vinyl Chloride	2 U	
AGW006	12/21/2003	Vinyl Chloride	0.2 U	
AGW006	03/01/2004	Vinyl Chloride	0.02 U	
AGW006	06/14/2004	Vinyl Chloride	0.02 U	
AGW006	08/18/2004	Vinyl Chloride	0.02 U	

## Shallow Well VOC Results

Location	Sample Date	Analyte	Result (µg/L)	Flag
AGW006	12/09/2004	Vinyl Chloride	0.03	
<b>AGW007</b>				
AGW007	12/08/1995	cis-1,2-Dichloroethene	1	U
AGW007	03/27/1996	cis-1,2-Dichloroethene	1	U
AGW007	06/19/1996	cis-1,2-Dichloroethene	1	U
AGW007	09/26/1996	cis-1,2-Dichloroethene	1	UU
AGW007	12/18/1996	cis-1,2-Dichloroethene	1	U
AGW007	03/14/1997	cis-1,2-Dichloroethene	1	U
AGW007	12/21/2003	cis-1,2-Dichloroethene	0.2	U
AGW007	03/01/2004	cis-1,2-Dichloroethene	0.2	U
AGW007	06/14/2004	cis-1,2-Dichloroethene	0.2	U
AGW007	08/18/2004	cis-1,2-Dichloroethene	0.2	U
AGW007	12/09/2004	cis-1,2-Dichloroethene	0.2	U
AGW007	06/27/1994	Trichloroethene	4.55	
AGW007	07/26/1994	Trichloroethene	4.33	
AGW007	09/22/1994	Trichloroethene	4.88	
AGW007	03/22/1995	Trichloroethene	3.75	
AGW007	12/08/1995	Trichloroethene	3	
AGW007	03/27/1996	Trichloroethene	3	
AGW007	06/19/1996	Trichloroethene	2.9	
AGW007	09/26/1996	Trichloroethene	3.4	J
AGW007	12/18/1996	Trichloroethene	2.8	
AGW007	03/14/1997	Trichloroethene	2.1	
AGW007	12/21/2003	Trichloroethene	2.6	
AGW007	03/01/2004	Trichloroethene	1.9	
AGW007	06/14/2004	Trichloroethene	2	
AGW007	08/18/2004	Trichloroethene	2	
AGW007	12/09/2004	Trichloroethene	1.8	
AGW007	12/08/1995	Vinyl Chloride	2	U
AGW007	03/27/1996	Vinyl Chloride	2	U
AGW007	06/19/1996	Vinyl Chloride	2	U
AGW007	09/26/1996	Vinyl Chloride	2	UU
AGW007	12/18/1996	Vinyl Chloride	2	U
AGW007	03/14/1997	Vinyl Chloride	2	U
AGW007	12/21/2003	Vinyl Chloride	0.2	U
AGW007	03/01/2004	Vinyl Chloride	0.2	U
AGW007	06/14/2004	Vinyl Chloride	0.02	U
AGW007	08/18/2004	Vinyl Chloride	0.02	U
AGW007	12/09/2004	Vinyl Chloride	0.02	U
<b>AGW031</b>				
AGW031	10/03/1994	cis-1,2-Dichloroethene	5.7	
AGW031	03/27/1995	cis-1,2-Dichloroethene	3.33	
AGW031	12/11/1995	cis-1,2-Dichloroethene	4	
AGW031	03/21/1996	cis-1,2-Dichloroethene	5.4	
AGW031	06/20/1996	cis-1,2-Dichloroethene	4.7	
AGW031	10/02/1996	cis-1,2-Dichloroethene	3.3	
AGW031	03/18/1997	cis-1,2-Dichloroethene	5.8	
AGW031	09/10/1997	cis-1,2-Dichloroethene	2.9	
AGW031	03/25/1998	cis-1,2-Dichloroethene	4.2	
AGW031	09/01/1998	cis-1,2-Dichloroethene	2.1	
AGW031	02/18/1999	cis-1,2-Dichloroethene	2.4	
AGW031	08/30/1999	cis-1,2-Dichloroethene	1	U
AGW031	03/14/2000	cis-1,2-Dichloroethene	1.8	

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW031	11/07/2000	cis-1,2-Dichloroethene	0.4	
AGW031	05/18/2001	cis-1,2-Dichloroethene	0.7	
AGW031	11/02/2001	cis-1,2-Dichloroethene	0.4	
AGW031	05/20/2002	cis-1,2-Dichloroethene	0.3	
AGW031	11/24/2002	cis-1,2-Dichloroethene	0.4	
AGW031	05/19/2003	cis-1,2-Dichloroethene	0.5	
AGW031	12/17/2003	cis-1,2-Dichloroethene	0.4	
AGW031	06/07/2004	cis-1,2-Dichloroethene	0.2 U	
AGW031	12/02/2004	cis-1,2-Dichloroethene	0.6	
AGW031	10/03/1994	Trichloroethene	8.9	
AGW031	03/27/1995	Trichloroethene	10.97	
AGW031	12/11/1995	Trichloroethene	8.6	
AGW031	03/21/1996	Trichloroethene	9.5	
AGW031	06/20/1996	Trichloroethene	7.1	
AGW031	10/02/1996	Trichloroethene	5.4	
AGW031	03/18/1997	Trichloroethene	7.6	
AGW031	09/10/1997	Trichloroethene	4.8	
AGW031	03/25/1998	Trichloroethene	8.5	
AGW031	09/01/1998	Trichloroethene	5.4	
AGW031	02/18/1999	Trichloroethene	8.3	
AGW031	08/30/1999	Trichloroethene	2.6	
AGW031	03/14/2000	Trichloroethene	5.7	
AGW031	11/07/2000	Trichloroethene	2.2	
AGW031	05/18/2001	Trichloroethene	2.8	
AGW031	11/02/2001	Trichloroethene	1.9	
AGW031	05/20/2002	Trichloroethene	2.5	
AGW031	11/24/2002	Trichloroethene	2.2	
AGW031	05/19/2003	Trichloroethene	3.3	
AGW031	12/17/2003	Trichloroethene	1.9	
AGW031	06/07/2004	Trichloroethene	1.2	
AGW031	12/02/2004	Trichloroethene	3.6	
AGW031	12/11/1995	Vinyl Chloride	2 U	
AGW031	03/21/1996	Vinyl Chloride	2 U	
AGW031	06/20/1996	Vinyl Chloride	2 U	
AGW031	10/02/1996	Vinyl Chloride	2 U	
AGW031	03/18/1997	Vinyl Chloride	2 U	
AGW031	09/10/1997	Vinyl Chloride	0.2 U	
AGW031	03/25/1998	Vinyl Chloride	0.2 U	
AGW031	09/01/1998	Vinyl Chloride	0.2 U	
AGW031	02/18/1999	Vinyl Chloride	0.2 U	
AGW031	08/30/1999	Vinyl Chloride	1 U	
AGW031	03/14/2000	Vinyl Chloride	1 U	
AGW031	11/07/2000	Vinyl Chloride	0.2 U	
AGW031	05/18/2001	Vinyl Chloride	0.2 U	
AGW031	11/02/2001	Vinyl Chloride	0.2 U	
AGW031	05/20/2002	Vinyl Chloride	0.2 U	
AGW031	11/24/2002	Vinyl Chloride	0.2 U	
AGW031	05/19/2003	Vinyl Chloride	0.2 U	
AGW031	12/17/2003	Vinyl Chloride	0.2 U	
AGW031	06/07/2004	Vinyl Chloride	0.02 U	
AGW031	12/02/2004	Vinyl Chloride	0.025	

**AGW051**

AGW051	02/20/2004	cis-1,2-Dichloroethene	0.2
--------	------------	------------------------	-----

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW051	02/20/2004	Trichloroethene	3.4	
AGW051	02/20/2004	Vinyl Chloride	0.2 U	
<b>AGW052</b>				
AGW052	09/20/1996	cis-1,2-Dichloroethene	1	UJ
AGW052	10/03/1996	cis-1,2-Dichloroethene	1	U
AGW052	10/30/1996	cis-1,2-Dichloroethene	1	U
AGW052	12/19/1996	cis-1,2-Dichloroethene	1	U
AGW052	03/17/1997	cis-1,2-Dichloroethene	1	UJ
AGW052	02/20/2004	cis-1,2-Dichloroethene	0.2	U
AGW052	09/20/1996	Trichloroethene	6.2	J
AGW052	10/03/1996	Trichloroethene	6.4	
AGW052	10/30/1996	Trichloroethene	7.1	
AGW052	12/19/1996	Trichloroethene	7.1	
AGW052	03/17/1997	Trichloroethene	4.2	J
AGW052	02/20/2004	Trichloroethene	5	
AGW052	09/20/1996	Vinyl Chloride	2	UJ
AGW052	10/03/1996	Vinyl Chloride	2	U
AGW052	10/30/1996	Vinyl Chloride	2	U
AGW052	12/19/1996	Vinyl Chloride	2	U
AGW052	03/17/1997	Vinyl Chloride	2	UJ
AGW052	02/20/2004	Vinyl Chloride	0.2	U
<b>AGW053</b>				
AGW053	09/20/1996	cis-1,2-Dichloroethene	2.2	J
AGW053	10/03/1996	cis-1,2-Dichloroethene	2.9	
AGW053	10/30/1996	cis-1,2-Dichloroethene	2.7	
AGW053	12/19/1996	cis-1,2-Dichloroethene	2.2	
AGW053	03/17/1997	cis-1,2-Dichloroethene	1.5	J
AGW053	09/11/1997	cis-1,2-Dichloroethene	3.4	
AGW053	03/26/1998	cis-1,2-Dichloroethene	2.1	
AGW053	09/04/1998	cis-1,2-Dichloroethene	2	
AGW053	02/22/1999	cis-1,2-Dichloroethene	0.8	
AGW053	08/31/1999	cis-1,2-Dichloroethene	1.4	
AGW053	03/15/2000	cis-1,2-Dichloroethene	1	U
AGW053	12/19/2003	cis-1,2-Dichloroethene	0.2	
AGW053	06/16/2004	cis-1,2-Dichloroethene	0.2	U
AGW053	11/03/2004	cis-1,2-Dichloroethene	0.6	
AGW053	12/09/2004	cis-1,2-Dichloroethene	0.6	
AGW053	02/09/2005	cis-1,2-Dichloroethene	0.5	
AGW053	05/04/2005	cis-1,2-Dichloroethene	0.8	
AGW053	08/11/2005	cis-1,2-Dichloroethene	1.1	
AGW053	09/20/1996	Trichloroethene	12	J
AGW053	10/03/1996	Trichloroethene	13	
AGW053	10/30/1996	Trichloroethene	12	
AGW053	12/19/1996	Trichloroethene	14	
AGW053	03/17/1997	Trichloroethene	11	J
AGW053	09/11/1997	Trichloroethene	13	
AGW053	03/26/1998	Trichloroethene	16	
AGW053	09/04/1998	Trichloroethene	12	J
AGW053	02/22/1999	Trichloroethene	9.4	
AGW053	08/31/1999	Trichloroethene	10	
AGW053	03/15/2000	Trichloroethene	8.8	
AGW053	12/19/2003	Trichloroethene	5.7	

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW053	06/16/2004	Trichloroethene	4.5	
AGW053	11/03/2004	Trichloroethene	6.8	
AGW053	12/09/2004	Trichloroethene	5.8	
AGW053	02/09/2005	Trichloroethene	5.6	
AGW053	05/04/2005	Trichloroethene	4.5	
AGW053	08/11/2005	Trichloroethene	4.6	
AGW053	09/20/1996	Vinyl Chloride	2	UJ
AGW053	10/03/1996	Vinyl Chloride	2	U
AGW053	10/30/1996	Vinyl Chloride	2	U
AGW053	12/19/1996	Vinyl Chloride	2	U
AGW053	03/17/1997	Vinyl Chloride	2	UJ
AGW053	09/11/1997	Vinyl Chloride	0.2	
AGW053	03/26/1998	Vinyl Chloride	0.2	U
AGW053	09/04/1998	Vinyl Chloride	0.2	U
AGW053	02/22/1999	Vinyl Chloride	0.2	U
AGW053	08/31/1999	Vinyl Chloride	1	U
AGW053	03/15/2000	Vinyl Chloride	1	U
AGW053	12/19/2003	Vinyl Chloride	0.2	U
AGW053	06/16/2004	Vinyl Chloride	0.2	U
AGW053	11/03/2004	Vinyl Chloride	0.2	U
AGW053	12/09/2004	Vinyl Chloride	0.2	U
AGW053	02/09/2005	Vinyl Chloride	0.2	U
AGW053	05/04/2005	Vinyl Chloride	0.2	U
AGW053	08/11/2005	Vinyl Chloride	0.2	U
<b>AGW058</b>				
AGW058	10/30/1996	cis-1,2-Dichloroethene	1	U
AGW058	12/17/1996	cis-1,2-Dichloroethene	1	U
AGW058	03/14/1997	cis-1,2-Dichloroethene	1	U
AGW058	09/11/1997	cis-1,2-Dichloroethene	0.2	
AGW058	03/23/1998	cis-1,2-Dichloroethene	0.2	U
AGW058	09/01/1998	cis-1,2-Dichloroethene	0.3	
AGW058	02/22/1999	cis-1,2-Dichloroethene	0.2	
AGW058	08/26/1999	cis-1,2-Dichloroethene	1	U
AGW058	03/09/2000	cis-1,2-Dichloroethene	1	U
AGW058	11/07/2000	cis-1,2-Dichloroethene	0.2	
AGW058	05/15/2001	cis-1,2-Dichloroethene	0.3	
AGW058	11/06/2001	cis-1,2-Dichloroethene	0.3	
AGW058	05/21/2002	cis-1,2-Dichloroethene	0.2	U
AGW058	11/23/2002	cis-1,2-Dichloroethene	0.2	U
AGW058	05/22/2003	cis-1,2-Dichloroethene	0.2	U
AGW058	12/18/2003	cis-1,2-Dichloroethene	0.2	U
AGW058	06/14/2004	cis-1,2-Dichloroethene	0.2	U
AGW058	12/09/2004	cis-1,2-Dichloroethene	0.2	U
AGW058	10/30/1996	Trichloroethene	7.7	
AGW058	12/17/1996	Trichloroethene	6.1	
AGW058	03/14/1997	Trichloroethene	3.1	
AGW058	09/11/1997	Trichloroethene	5.8	
AGW058	03/23/1998	Trichloroethene	3.7	
AGW058	09/01/1998	Trichloroethene	7.2	
AGW058	02/22/1999	Trichloroethene	4	
AGW058	08/26/1999	Trichloroethene	5.4	
AGW058	03/09/2000	Trichloroethene	3.5	
AGW058	11/07/2000	Trichloroethene	6	

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW058	05/15/2001	Trichloroethene	6.4	
AGW058	11/06/2001	Trichloroethene	6.5	
AGW058	05/21/2002	Trichloroethene	2.4	
AGW058	11/23/2002	Trichloroethene	5	
AGW058	05/22/2003	Trichloroethene	2.5	
AGW058	12/18/2003	Trichloroethene	4.4	
AGW058	06/14/2004	Trichloroethene	2.7	
AGW058	12/09/2004	Trichloroethene	3.8	
AGW058	10/30/1996	Vinyl Chloride	2 U	
AGW058	12/17/1996	Vinyl Chloride	2 U	
AGW058	03/14/1997	Vinyl Chloride	2 U	
AGW058	09/11/1997	Vinyl Chloride	0.2 U	
AGW058	03/23/1998	Vinyl Chloride	0.2 U	
AGW058	09/01/1998	Vinyl Chloride	0.2 U	
AGW058	02/22/1999	Vinyl Chloride	0.2 U	
AGW058	08/26/1999	Vinyl Chloride	1 U	
AGW058	03/09/2000	Vinyl Chloride	1 U	
AGW058	11/07/2000	Vinyl Chloride	0.2 U	
AGW058	05/15/2001	Vinyl Chloride	0.2 U	
AGW058	11/06/2001	Vinyl Chloride	0.2 U	
AGW058	05/21/2002	Vinyl Chloride	0.2 U	
AGW058	11/23/2002	Vinyl Chloride	0.2 U	
AGW058	05/22/2003	Vinyl Chloride	0.2 U	
AGW058	12/18/2003	Vinyl Chloride	0.2 U	
AGW058	06/14/2004	Vinyl Chloride	0.02 U	
AGW058	12/09/2004	Vinyl Chloride	0.02 U	
<b>AGW059</b>				
AGW059	10/30/1996	cis-1,2-Dichloroethene	1 U	
AGW059	12/16/1996	cis-1,2-Dichloroethene	1 U	
AGW059	03/14/1997	cis-1,2-Dichloroethene	1 U	
AGW059	12/16/2003	cis-1,2-Dichloroethene	0.2 U	
AGW059	10/30/1996	Trichloroethene	2.1	
AGW059	12/16/1996	Trichloroethene	3	
AGW059	03/14/1997	Trichloroethene	1.8	
AGW059	12/16/2003	Trichloroethene	1.1	
AGW059	10/30/1996	Vinyl Chloride	2 U	
AGW059	12/16/1996	Vinyl Chloride	2 U	
AGW059	03/14/1997	Vinyl Chloride	2 U	
AGW059	12/16/2003	Vinyl Chloride	0.2 U	
<b>AGW062</b>				
AGW062	10/30/1996	cis-1,2-Dichloroethene	1 U	
AGW062	12/17/1996	cis-1,2-Dichloroethene	1 U	
AGW062	03/14/1997	cis-1,2-Dichloroethene	1 U	
AGW062	12/16/2003	cis-1,2-Dichloroethene	0.2 U	
AGW062	10/30/1996	Trichloroethene	2.5	
AGW062	12/17/1996	Trichloroethene	2.3	
AGW062	03/14/1997	Trichloroethene	1.3	
AGW062	12/16/2003	Trichloroethene	1.3	
AGW062	10/30/1996	Vinyl Chloride	2 U	
AGW062	12/17/1996	Vinyl Chloride	2 U	

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW062	03/14/1997	Vinyl Chloride	2	U
AGW062	12/16/2003	Vinyl Chloride	0.2	U
<b>AGW066</b>				
AGW066	12/11/1996	cis-1,2-Dichloroethene	11	J
AGW066	03/13/1997	cis-1,2-Dichloroethene	8.9	
AGW066	09/09/1997	cis-1,2-Dichloroethene	11	
AGW066	03/25/1998	cis-1,2-Dichloroethene	10	
AGW066	09/01/1998	cis-1,2-Dichloroethene	8.7	
AGW066	02/22/1999	cis-1,2-Dichloroethene	8.2	
AGW066	08/26/1999	cis-1,2-Dichloroethene	7.2	
AGW066	03/08/2000	cis-1,2-Dichloroethene	5.5	
AGW066	11/06/2000	cis-1,2-Dichloroethene	6.4	
AGW066	05/18/2001	cis-1,2-Dichloroethene	5.5	
AGW066	11/01/2001	cis-1,2-Dichloroethene	6.4	
AGW066	05/21/2002	cis-1,2-Dichloroethene	4.8	
AGW066	11/23/2002	cis-1,2-Dichloroethene	4.8	
AGW066	05/22/2003	cis-1,2-Dichloroethene	4	
AGW066	12/17/2003	cis-1,2-Dichloroethene	3	
AGW066	06/07/2004	cis-1,2-Dichloroethene	4.6	
AGW066	12/03/2004	cis-1,2-Dichloroethene	3.2	
AGW066	02/10/2005	cis-1,2-Dichloroethene	3.4	
AGW066	05/03/2005	cis-1,2-Dichloroethene	4.1	
AGW066	05/24/2005	cis-1,2-Dichloroethene	3.8	
AGW066	08/12/2005	cis-1,2-Dichloroethene	4.9	
AGW066	12/11/1996	Trichloroethene	20	J
AGW066	03/13/1997	Trichloroethene	16	
AGW066	09/09/1997	Trichloroethene	22	
AGW066	03/25/1998	Trichloroethene	21	
AGW066	09/01/1998	Trichloroethene	23	
AGW066	02/22/1999	Trichloroethene	16	
AGW066	08/26/1999	Trichloroethene	18	
AGW066	03/08/2000	Trichloroethene	15	
AGW066	11/06/2000	Trichloroethene	12	
AGW066	05/18/2001	Trichloroethene	15	
AGW066	11/01/2001	Trichloroethene	14	
AGW066	05/21/2002	Trichloroethene	14	
AGW066	11/23/2002	Trichloroethene	15	
AGW066	05/22/2003	Trichloroethene	13	
AGW066	12/17/2003	Trichloroethene	12	
AGW066	06/07/2004	Trichloroethene	15	
AGW066	12/03/2004	Trichloroethene	12	
AGW066	02/10/2005	Trichloroethene	12	
AGW066	05/03/2005	Trichloroethene	11	
AGW066	05/24/2005	Trichloroethene	11	
AGW066	08/12/2005	Trichloroethene	13	
AGW066	12/11/1996	Vinyl Chloride	2	UJ
AGW066	03/13/1997	Vinyl Chloride	2	U
AGW066	09/09/1997	Vinyl Chloride	0.2	U
AGW066	03/25/1998	Vinyl Chloride	0.2	U
AGW066	09/01/1998	Vinyl Chloride	0.2	U
AGW066	02/22/1999	Vinyl Chloride	0.2	U
AGW066	08/26/1999	Vinyl Chloride	1	U
AGW066	03/08/2000	Vinyl Chloride	1	U

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW066	11/06/2000	Vinyl Chloride	0.2	U
AGW066	05/18/2001	Vinyl Chloride	0.2	U
AGW066	11/01/2001	Vinyl Chloride	0.2	U
AGW066	05/21/2002	Vinyl Chloride	0.2	U
AGW066	11/23/2002	Vinyl Chloride	0.2	U
AGW066	05/22/2003	Vinyl Chloride	0.2	U
AGW066	12/17/2003	Vinyl Chloride	0.2	U
AGW066	06/07/2004	Vinyl Chloride	0.037	
AGW066	12/03/2004	Vinyl Chloride	0.022	
AGW066	02/10/2005	Vinyl Chloride	0.2	U
AGW066	05/03/2005	Vinyl Chloride	0.2	U
AGW066	05/24/2005	Vinyl Chloride	0.029	
AGW066	08/12/2005	Vinyl Chloride	0.2	U
<b>AGW067</b>				
AGW067	12/11/1996	cis-1,2-Dichloroethene	8.8	J
AGW067	03/13/1997	cis-1,2-Dichloroethene	3.3	
AGW067	09/09/1997	cis-1,2-Dichloroethene	7.4	
AGW067	03/24/1998	cis-1,2-Dichloroethene	7.5	
AGW067	09/01/1998	cis-1,2-Dichloroethene	10	
AGW067	02/22/1999	cis-1,2-Dichloroethene	6.2	
AGW067	08/26/1999	cis-1,2-Dichloroethene	7	
AGW067	03/08/2000	cis-1,2-Dichloroethene	6.4	
AGW067	11/06/2000	cis-1,2-Dichloroethene	8.9	
AGW067	05/15/2001	cis-1,2-Dichloroethene	8.5	
AGW067	11/01/2001	cis-1,2-Dichloroethene	7	
AGW067	05/21/2002	cis-1,2-Dichloroethene	7.5	
AGW067	11/23/2002	cis-1,2-Dichloroethene	7.1	
AGW067	05/22/2003	cis-1,2-Dichloroethene	7.7	
AGW067	12/18/2003	cis-1,2-Dichloroethene	6.3	
AGW067	06/08/2004	cis-1,2-Dichloroethene	8.1	
AGW067	12/09/2004	cis-1,2-Dichloroethene	6.8	
AGW067	02/10/2005	cis-1,2-Dichloroethene	6.2	
AGW067	05/03/2005	cis-1,2-Dichloroethene	7.3	
AGW067	05/24/2005	cis-1,2-Dichloroethene	6.9	
AGW067	08/12/2005	cis-1,2-Dichloroethene	8.4	
AGW067	12/11/1996	Trichloroethene	20	J
AGW067	03/13/1997	Trichloroethene	8.5	
AGW067	09/09/1997	Trichloroethene	12	
AGW067	03/24/1998	Trichloroethene	18	
AGW067	09/01/1998	Trichloroethene	15	
AGW067	02/22/1999	Trichloroethene	14	
AGW067	08/26/1999	Trichloroethene	12	
AGW067	03/08/2000	Trichloroethene	15	
AGW067	11/06/2000	Trichloroethene	14	
AGW067	05/15/2001	Trichloroethene	13	
AGW067	11/01/2001	Trichloroethene	9.6	
AGW067	05/21/2002	Trichloroethene	15	
AGW067	11/23/2002	Trichloroethene	12	
AGW067	05/22/2003	Trichloroethene	16	
AGW067	12/18/2003	Trichloroethene	11	
AGW067	06/08/2004	Trichloroethene	14	
AGW067	12/09/2004	Trichloroethene	12	
AGW067	02/10/2005	Trichloroethene	12	
AGW067	05/03/2005	Trichloroethene	11	

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW067	05/24/2005	Trichloroethene	12	
AGW067	08/12/2005	Trichloroethene	10	
AGW067	12/11/1996	Vinyl Chloride	2	UJ
AGW067	03/13/1997	Vinyl Chloride	2	U
AGW067	09/09/1997	Vinyl Chloride	0.2	U
AGW067	03/24/1998	Vinyl Chloride	0.2	U
AGW067	09/01/1998	Vinyl Chloride	0.2	U
AGW067	02/22/1999	Vinyl Chloride	0.2	U
AGW067	08/26/1999	Vinyl Chloride	1	U
AGW067	03/08/2000	Vinyl Chloride	1	U
AGW067	11/06/2000	Vinyl Chloride	0.2	U
AGW067	05/15/2001	Vinyl Chloride	0.2	U
AGW067	11/01/2001	Vinyl Chloride	0.2	U
AGW067	05/21/2002	Vinyl Chloride	0.2	U
AGW067	11/23/2002	Vinyl Chloride	0.2	U
AGW067	05/22/2003	Vinyl Chloride	0.2	U
AGW067	12/18/2003	Vinyl Chloride	0.2	U
AGW067	06/08/2004	Vinyl Chloride	0.021	
AGW067	12/09/2004	Vinyl Chloride	0.027	
AGW067	02/10/2005	Vinyl Chloride	0.2	U
AGW067	05/03/2005	Vinyl Chloride	0.2	U
AGW067	05/24/2005	Vinyl Chloride	0.02	U
AGW067	08/12/2005	Vinyl Chloride	0.2	U
<b>AGW096</b>				
AGW096	12/16/2003	cis-1,2-Dichloroethene	0.2	U
AGW096	03/01/2004	cis-1,2-Dichloroethene	0.2	U
AGW096	06/01/2004	cis-1,2-Dichloroethene	0.2	U
AGW096	08/17/2004	cis-1,2-Dichloroethene	0.2	U
AGW096	12/06/2004	cis-1,2-Dichloroethene	0.2	U
AGW096	12/16/2003	Trichloroethene	0.2	U
AGW096	03/01/2004	Trichloroethene	0.2	U
AGW096	06/01/2004	Trichloroethene	0.2	U
AGW096	08/17/2004	Trichloroethene	0.2	U
AGW096	12/06/2004	Trichloroethene	0.2	U
AGW096	12/16/2003	Vinyl Chloride	0.2	U
AGW096	03/01/2004	Vinyl Chloride	0.02	U
AGW096	06/01/2004	Vinyl Chloride	0.02	U
AGW096	08/17/2004	Vinyl Chloride	0.02	U
AGW096	12/06/2004	Vinyl Chloride	0.02	U
<b>AGW106</b>				
AGW106	06/17/2004	cis-1,2-Dichloroethene	17	
AGW106	08/30/2004	cis-1,2-Dichloroethene	9.3	J
AGW106	10/05/2004	cis-1,2-Dichloroethene	51	
AGW106	11/01/2004	cis-1,2-Dichloroethene	18	
AGW106	12/08/2004	cis-1,2-Dichloroethene	8.6	
AGW106	01/03/2005	cis-1,2-Dichloroethene	24	
AGW106	02/07/2005	cis-1,2-Dichloroethene	27	
AGW106	03/07/2005	cis-1,2-Dichloroethene	83	
AGW106	04/04/2005	cis-1,2-Dichloroethene	16	
AGW106	05/03/2005	cis-1,2-Dichloroethene	8.0	
AGW106	06/01/2005	cis-1,2-Dichloroethene	8.0	
AGW106	07/05/2005	cis-1,2-Dichloroethene	4.3	

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW106	08/09/2005	cis-1,2-Dichloroethene	4.0	
AGW106	09/08/2005	cis-1,2-Dichloroethene	4.0	
AGW106	06/17/2004	Trichloroethene	120	
AGW106	08/30/2004	Trichloroethene	42 J	
AGW106	10/05/2004	Trichloroethene	1.0 U	
AGW106	11/01/2004	Trichloroethene	1.0 U	
AGW106	12/08/2004	Trichloroethene	1.0 U	
AGW106	01/03/2005	Trichloroethene	0.8	
AGW106	02/07/2005	Trichloroethene	1.0 U	
AGW106	03/07/2005	Trichloroethene	1.0 U	
AGW106	04/04/2005	Trichloroethene	1.0 U	
AGW106	05/03/2005	Trichloroethene	1.0 U	
AGW106	06/01/2005	Trichloroethene	1.3	
AGW106	07/05/2005	Trichloroethene	0.7	
AGW106	08/09/2005	Trichloroethene	0.8	
AGW106	09/08/2005	Trichloroethene	1.0	
AGW106	06/17/2004	Vinyl Chloride	1.0 U	
AGW106	08/30/2004	Vinyl Chloride	1.0 UJ	
AGW106	10/05/2004	Vinyl Chloride	1.0 U	
AGW106	11/01/2004	Vinyl Chloride	1.0 U	
AGW106	12/08/2004	Vinyl Chloride	1.0 U	
AGW106	01/03/2005	Vinyl Chloride	0.4 U	
AGW106	02/07/2005	Vinyl Chloride	2.2	
AGW106	03/07/2005	Vinyl Chloride	45	
AGW106	04/04/2005	Vinyl Chloride	13	
AGW106	05/03/2005	Vinyl Chloride	2.7	
AGW106	06/01/2005	Vinyl Chloride	4.6	
AGW106	07/05/2005	Vinyl Chloride	2.6	
AGW106	08/09/2005	Vinyl Chloride	2.1	
AGW106	09/08/2005	Vinyl Chloride	1.1	
<b>AGW107</b>				
AGW107	06/16/2004	cis-1,2-Dichloroethene	1.2	
AGW107	08/31/2004	cis-1,2-Dichloroethene	25	
AGW107	10/05/2004	cis-1,2-Dichloroethene	52	
AGW107	11/02/2004	cis-1,2-Dichloroethene	20	
AGW107	12/08/2004	cis-1,2-Dichloroethene	6.2	
AGW107	01/03/2005	cis-1,2-Dichloroethene	3.6	
AGW107	02/09/2005	cis-1,2-Dichloroethene	15	
AGW107	03/07/2005	cis-1,2-Dichloroethene	12	
AGW107	04/06/2005	cis-1,2-Dichloroethene	13	
AGW107	05/04/2005	cis-1,2-Dichloroethene	9.4	
AGW107	06/01/2005	cis-1,2-Dichloroethene	8.9	
AGW107	07/06/2005	cis-1,2-Dichloroethene	5.8	
AGW107	08/10/2005	cis-1,2-Dichloroethene	6.5	
AGW107	09/08/2005	cis-1,2-Dichloroethene	6.4	
AGW107	06/16/2004	Trichloroethene	8.9	
AGW107	08/31/2004	Trichloroethene	69	
AGW107	10/05/2004	Trichloroethene	1.0 U	
AGW107	11/02/2004	Trichloroethene	1.1	
AGW107	12/08/2004	Trichloroethene	0.9	
AGW107	01/03/2005	Trichloroethene	0.8	
AGW107	02/09/2005	Trichloroethene	1.0 U	

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW107	03/07/2005	Trichloroethene	1.0	U
AGW107	04/06/2005	Trichloroethene	1.0	U
AGW107	05/04/2005	Trichloroethene	1.0	U
AGW107	06/01/2005	Trichloroethene	1.0	U
AGW107	07/06/2005	Trichloroethene	1.0	U
AGW107	08/10/2005	Trichloroethene	0.3	
AGW107	09/08/2005	Trichloroethene	0.4	
AGW107	06/16/2004	Vinyl Chloride	0.2	U
AGW107	08/31/2004	Vinyl Chloride	2.0	U
AGW107	10/05/2004	Vinyl Chloride	1.0	U
AGW107	11/02/2004	Vinyl Chloride	1.0	U
AGW107	12/08/2004	Vinyl Chloride	0.4	U
AGW107	01/03/2005	Vinyl Chloride	0.2	U
AGW107	02/09/2005	Vinyl Chloride	2.3	
AGW107	03/07/2005	Vinyl Chloride	2.1	
AGW107	04/06/2005	Vinyl Chloride	1.2	
AGW107	05/04/2005	Vinyl Chloride	1.0	U
AGW107	06/01/2005	Vinyl Chloride	1.0	
AGW107	07/06/2005	Vinyl Chloride	47	
AGW107	08/10/2005	Vinyl Chloride	0.8	
AGW107	09/08/2005	Vinyl Chloride	0.7	
<b>AGW108</b>				
AGW108	06/16/2004	cis-1,2-Dichloroethene	1.0	
AGW108	08/31/2004	cis-1,2-Dichloroethene	33	
AGW108	10/05/2004	cis-1,2-Dichloroethene	72	
AGW108	11/02/2004	cis-1,2-Dichloroethene	75	
AGW108	12/09/2004	cis-1,2-Dichloroethene	72	
AGW108	01/04/2005	cis-1,2-Dichloroethene	56	
AGW108	02/09/2005	cis-1,2-Dichloroethene	22	
AGW108	03/08/2005	cis-1,2-Dichloroethene	13	
AGW108	04/06/2005	cis-1,2-Dichloroethene	5.9	
AGW108	05/04/2005	cis-1,2-Dichloroethene	4.5	
AGW108	06/02/2005	cis-1,2-Dichloroethene	3.0	
AGW108	07/06/2005	cis-1,2-Dichloroethene	1.6	
AGW108	08/10/2005	cis-1,2-Dichloroethene	1.2	
AGW108	09/08/2005	cis-1,2-Dichloroethene	0.9	
AGW108	06/16/2004	Trichloroethene	6.6	
AGW108	08/31/2004	Trichloroethene	6.4	
AGW108	10/05/2004	Trichloroethene	1.0	U
AGW108	11/02/2004	Trichloroethene	1.0	U
AGW108	12/09/2004	Trichloroethene	2.0	U
AGW108	01/04/2005	Trichloroethene	1.0	U
AGW108	02/09/2005	Trichloroethene	1.0	U
AGW108	03/08/2005	Trichloroethene	0.6	U
AGW108	04/06/2005	Trichloroethene	1.0	U
AGW108	05/04/2005	Trichloroethene	1.0	U
AGW108	06/02/2005	Trichloroethene	1.0	U
AGW108	07/06/2005	Trichloroethene	0.2	U
AGW108	08/10/2005	Trichloroethene	0.2	U
AGW108	09/08/2005	Trichloroethene	0.2	U
AGW108	06/16/2004	Vinyl Chloride	0.2	U
AGW108	08/31/2004	Vinyl Chloride	1.0	U

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW108	10/05/2004	Vinyl Chloride	3.9	
AGW108	11/02/2004	Vinyl Chloride	1.5	
AGW108	12/09/2004	Vinyl Chloride	2.0 U	
AGW108	01/04/2005	Vinyl Chloride	5.4	
AGW108	02/09/2005	Vinyl Chloride	21	
AGW108	03/08/2005	Vinyl Chloride	24	
AGW108	04/06/2005	Vinyl Chloride	17	
AGW108	05/04/2005	Vinyl Chloride	13	
AGW108	06/02/2005	Vinyl Chloride	15	
AGW108	07/06/2005	Vinyl Chloride	3.9	
AGW108	08/10/2005	Vinyl Chloride	3.4	
AGW108	09/08/2005	Vinyl Chloride	2.3	
<b>AGW109</b>				
AGW109	06/16/2004	cis-1,2-Dichloroethene	26	
AGW109	08/31/2004	cis-1,2-Dichloroethene	18	
AGW109	10/05/2004	cis-1,2-Dichloroethene	120	
AGW109	11/02/2004	cis-1,2-Dichloroethene	65	
AGW109	12/09/2004	cis-1,2-Dichloroethene	83	
AGW109	01/04/2005	cis-1,2-Dichloroethene	71	
AGW109	02/09/2005	cis-1,2-Dichloroethene	48	
AGW109	03/08/2005	cis-1,2-Dichloroethene	39	
AGW109	04/06/2005	cis-1,2-Dichloroethene	34	
AGW109	05/04/2005	cis-1,2-Dichloroethene	22	
AGW109	06/02/2005	cis-1,2-Dichloroethene	21	
AGW109	07/06/2005	cis-1,2-Dichloroethene	18	
AGW109	08/10/2005	cis-1,2-Dichloroethene	36	
AGW109	09/08/2005	cis-1,2-Dichloroethene	28	
AGW109	06/16/2004	Trichloroethene	72	
AGW109	08/31/2004	Trichloroethene	46	
AGW109	10/05/2004	Trichloroethene	1.0 U	
AGW109	11/02/2004	Trichloroethene	1.0 U	
AGW109	12/09/2004	Trichloroethene	2.0 U	
AGW109	01/04/2005	Trichloroethene	1.0 U	
AGW109	02/09/2005	Trichloroethene	1.0 U	
AGW109	03/08/2005	Trichloroethene	1.0 U	
AGW109	04/06/2005	Trichloroethene	1.0 U	
AGW109	05/04/2005	Trichloroethene	1.0 U	
AGW109	06/02/2005	Trichloroethene	1.3	
AGW109	07/06/2005	Trichloroethene	1.6	
AGW109	08/10/2005	Trichloroethene	5.9	
AGW109	09/08/2005	Trichloroethene	2.1	
AGW109	06/16/2004	Vinyl Chloride	0.2 U	
AGW109	08/31/2004	Vinyl Chloride	2.0 U	
AGW109	10/05/2004	Vinyl Chloride	7.6	
AGW109	11/02/2004	Vinyl Chloride	1.0 U	
AGW109	12/09/2004	Vinyl Chloride	2.0 U	
AGW109	01/04/2005	Vinyl Chloride	1.0 U	
AGW109	02/09/2005	Vinyl Chloride	1.3	
AGW109	03/08/2005	Vinyl Chloride	1.0 U	
AGW109	04/06/2005	Vinyl Chloride	1.2	
AGW109	05/04/2005	Vinyl Chloride	1.8	
AGW109	06/02/2005	Vinyl Chloride	2.4	
AGW109	07/06/2005	Vinyl Chloride	2.3	

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW109	08/10/2005	Vinyl Chloride	4.4	
AGW109	09/08/2005	Vinyl Chloride	5.0	
<b>AGW110</b>				
AGW110	06/17/2004	cis-1,2-Dichloroethene	22	
AGW110	08/31/2004	cis-1,2-Dichloroethene	50	
AGW110	10/05/2004	cis-1,2-Dichloroethene	69	
AGW110	11/02/2004	cis-1,2-Dichloroethene	110	
AGW110	12/09/2004	cis-1,2-Dichloroethene	95	
AGW110	01/04/2005	cis-1,2-Dichloroethene	91	
AGW110	02/09/2005	cis-1,2-Dichloroethene	73	
AGW110	03/08/2005	cis-1,2-Dichloroethene	75	
AGW110	04/06/2005	cis-1,2-Dichloroethene	64	
AGW110	05/04/2005	cis-1,2-Dichloroethene	35	
AGW110	06/02/2005	cis-1,2-Dichloroethene	16	
AGW110	07/06/2005	cis-1,2-Dichloroethene	5.5	
AGW110	08/11/2005	cis-1,2-Dichloroethene	1.5	
AGW110	09/08/2005	cis-1,2-Dichloroethene	1.0	
AGW110	06/17/2004	Trichloroethene	94	
AGW110	08/31/2004	Trichloroethene	18	
AGW110	10/05/2004	Trichloroethene	1.0 U	
AGW110	11/02/2004	Trichloroethene	1.0 U	
AGW110	12/09/2004	Trichloroethene	2.0 U	
AGW110	01/04/2005	Trichloroethene	1.0 U	
AGW110	02/09/2005	Trichloroethene	1.0 U	
AGW110	03/08/2005	Trichloroethene	1.0 U	
AGW110	04/06/2005	Trichloroethene	1.0 U	
AGW110	05/04/2005	Trichloroethene	1.0 U	
AGW110	06/02/2005	Trichloroethene	0.2 U	
AGW110	07/06/2005	Trichloroethene	0.2 U	
AGW110	08/11/2005	Trichloroethene	0.2 U	
AGW110	09/08/2005	Trichloroethene	0.2 U	
AGW110	06/17/2004	Vinyl Chloride	1.0 U	
AGW110	08/31/2004	Vinyl Chloride	2.0 U	
AGW110	10/05/2004	Vinyl Chloride	1.0 U	
AGW110	11/02/2004	Vinyl Chloride	4.3	
AGW110	12/09/2004	Vinyl Chloride	4.9	
AGW110	01/04/2005	Vinyl Chloride	3.4	
AGW110	02/09/2005	Vinyl Chloride	10	
AGW110	03/08/2005	Vinyl Chloride	17	
AGW110	04/06/2005	Vinyl Chloride	29	
AGW110	05/04/2005	Vinyl Chloride	40	
AGW110	06/02/2005	Vinyl Chloride	49	
AGW110	07/06/2005	Vinyl Chloride	45	
AGW110	08/11/2005	Vinyl Chloride	13	
AGW110	09/08/2005	Vinyl Chloride	3.7	
<b>AGW111</b>				
AGW111	06/16/2004	cis-1,2-Dichloroethene	1.1	
AGW111	09/01/2004	cis-1,2-Dichloroethene	6.8	
AGW111	10/05/2004	cis-1,2-Dichloroethene	4.7	
AGW111	11/03/2004	cis-1,2-Dichloroethene	3.8	
AGW111	12/09/2004	cis-1,2-Dichloroethene	3.7	
AGW111	01/04/2005	cis-1,2-Dichloroethene	3.7	
AGW111	02/09/2005	cis-1,2-Dichloroethene	3.0	

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW111	03/08/2005	cis-1,2-Dichloroethene	3.6	
AGW111	04/06/2005	cis-1,2-Dichloroethene	2.6	
AGW111	05/04/2005	cis-1,2-Dichloroethene	2.3	
AGW111	06/02/2005	cis-1,2-Dichloroethene	1.9	
AGW111	07/06/2005	cis-1,2-Dichloroethene	1.4	
AGW111	08/11/2005	cis-1,2-Dichloroethene	1.5	
AGW111	09/08/2005	cis-1,2-Dichloroethene	2.0	
AGW111	06/16/2004	Trichloroethene	7.3	
AGW111	09/01/2004	Trichloroethene	27	
AGW111	10/05/2004	Trichloroethene	24	
AGW111	11/03/2004	Trichloroethene	14	
AGW111	12/09/2004	Trichloroethene	6.4	
AGW111	01/04/2005	Trichloroethene	5.0	
AGW111	02/09/2005	Trichloroethene	5.3	
AGW111	03/08/2005	Trichloroethene	5.7	
AGW111	04/06/2005	Trichloroethene	5.8	
AGW111	05/04/2005	Trichloroethene	4.4	
AGW111	06/02/2005	Trichloroethene	4.4	
AGW111	07/06/2005	Trichloroethene	4.4	
AGW111	08/11/2005	Trichloroethene	4.8	
AGW111	09/08/2005	Trichloroethene	5.6	
AGW111	06/16/2004	Vinyl Chloride	0.2 U	
AGW111	09/01/2004	Vinyl Chloride	1.0 U	
AGW111	10/05/2004	Vinyl Chloride	0.5	
AGW111	11/03/2004	Vinyl Chloride	0.4 U	
AGW111	12/09/2004	Vinyl Chloride	0.2 U	
AGW111	01/04/2005	Vinyl Chloride	0.2 U	
AGW111	02/09/2005	Vinyl Chloride	0.3	
AGW111	03/08/2005	Vinyl Chloride	0.6	
AGW111	04/06/2005	Vinyl Chloride	0.6	
AGW111	05/04/2005	Vinyl Chloride	0.5	
AGW111	06/02/2005	Vinyl Chloride	0.4	
AGW111	07/06/2005	Vinyl Chloride	0.3	
AGW111	08/11/2005	Vinyl Chloride	0.4	
AGW111	09/08/2005	Vinyl Chloride	0.8	
<b>AGW112</b>				
AGW112	06/17/2004	cis-1,2-Dichloroethene	0.2 U	
AGW112	09/01/2004	cis-1,2-Dichloroethene	0.8	
AGW112	10/06/2004	cis-1,2-Dichloroethene	1.0	
AGW112	11/03/2004	cis-1,2-Dichloroethene	1.2	
AGW112	12/09/2004	cis-1,2-Dichloroethene	2.1	
AGW112	01/04/2005	cis-1,2-Dichloroethene	2.3	
AGW112	02/09/2005	cis-1,2-Dichloroethene	1.6	
AGW112	03/08/2005	cis-1,2-Dichloroethene	1.3	
AGW112	04/06/2005	cis-1,2-Dichloroethene	1.0	
AGW112	05/04/2005	cis-1,2-Dichloroethene	1.1	
AGW112	06/02/2005	cis-1,2-Dichloroethene	1.0	
AGW112	07/06/2005	cis-1,2-Dichloroethene	0.7	
AGW112	08/11/2005	cis-1,2-Dichloroethene	0.8	
AGW112	09/08/2005	cis-1,2-Dichloroethene	1.2	
AGW112	06/17/2004	Trichloroethene	2.4	
AGW112	09/01/2004	Trichloroethene	4.6	

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW112	10/06/2004	Trichloroethene	5.2	
AGW112	11/03/2004	Trichloroethene	4.7	
AGW112	12/09/2004	Trichloroethene	3.6	
AGW112	01/04/2005	Trichloroethene	2.5	
AGW112	02/09/2005	Trichloroethene	2.4	
AGW112	03/08/2005	Trichloroethene	2.4	
AGW112	04/06/2005	Trichloroethene	2.5	
AGW112	05/04/2005	Trichloroethene	2.4	
AGW112	06/02/2005	Trichloroethene	2.4	
AGW112	07/06/2005	Trichloroethene	2.4	
AGW112	08/11/2005	Trichloroethene	2.6	
AGW112	09/08/2005	Trichloroethene	3.1	
AGW112	06/17/2004	Vinyl Chloride	0.2 U	
AGW112	09/01/2004	Vinyl Chloride	0.2 U	
AGW112	10/06/2004	Vinyl Chloride	0.3	
AGW112	11/03/2004	Vinyl Chloride	0.3	
AGW112	12/09/2004	Vinyl Chloride	0.2	
AGW112	01/04/2005	Vinyl Chloride	0.2 U	
AGW112	02/09/2005	Vinyl Chloride	0.2 U	
AGW112	03/08/2005	Vinyl Chloride	0.2 U	
AGW112	04/06/2005	Vinyl Chloride	0.2 U	
AGW112	05/04/2005	Vinyl Chloride	0.2 U	
AGW112	06/02/2005	Vinyl Chloride	0.2 U	
AGW112	07/06/2005	Vinyl Chloride	0.2 U	
AGW112	08/11/2005	Vinyl Chloride	0.2 U	
AGW112	09/08/2005	Vinyl Chloride	0.4	
<b>AGW113</b>				
AGW113	06/15/2004	cis-1,2-Dichloroethene	0.2 U	
AGW113	09/01/2004	cis-1,2-Dichloroethene	0.2 U	
AGW113	10/06/2004	cis-1,2-Dichloroethene	0.2 U	
AGW113	11/03/2004	cis-1,2-Dichloroethene	0.7	
AGW113	12/10/2004	cis-1,2-Dichloroethene	1.5	
AGW113	01/05/2005	cis-1,2-Dichloroethene	1.1	
AGW113	02/10/2005	cis-1,2-Dichloroethene	0.7	
AGW113	04/06/2005	cis-1,2-Dichloroethene	0.4	
AGW113	05/03/2005	cis-1,2-Dichloroethene	0.3	
AGW113	06/02/2005	cis-1,2-Dichloroethene	0.2	
AGW113	07/06/2005	cis-1,2-Dichloroethene	0.2 U	
AGW113	08/12/2005	cis-1,2-Dichloroethene	0.2 U	
AGW113	09/08/2005	cis-1,2-Dichloroethene	0.2 U	
AGW113	06/15/2004	Trichloroethene	1.3	
AGW113	09/01/2004	Trichloroethene	1.2	
AGW113	10/06/2004	Trichloroethene	1.4	
AGW113	11/03/2004	Trichloroethene	0.7	
AGW113	12/10/2004	Trichloroethene	0.4	
AGW113	01/05/2005	Trichloroethene	0.6	
AGW113	02/10/2005	Trichloroethene	0.7	
AGW113	04/06/2005	Trichloroethene	1.0	
AGW113	05/03/2005	Trichloroethene	1.0	
AGW113	06/02/2005	Trichloroethene	1.0	
AGW113	07/06/2005	Trichloroethene	1.2	
AGW113	08/12/2005	Trichloroethene	1.2	
AGW113	09/08/2005	Trichloroethene	1.2	

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW113	06/15/2004	Vinyl Chloride	0.2	U
AGW113	09/01/2004	Vinyl Chloride	0.2	U
AGW113	10/06/2004	Vinyl Chloride	0.2	U
AGW113	11/03/2004	Vinyl Chloride	0.2	U
AGW113	12/10/2004	Vinyl Chloride	0.2	U
AGW113	01/05/2005	Vinyl Chloride	0.2	U
AGW113	02/10/2005	Vinyl Chloride	0.2	U
AGW113	04/06/2005	Vinyl Chloride	0.2	U
AGW113	05/03/2005	Vinyl Chloride	0.2	U
AGW113	06/02/2005	Vinyl Chloride	0.2	U
AGW113	07/06/2005	Vinyl Chloride	0.2	U
AGW113	08/12/2005	Vinyl Chloride	0.2	U
AGW113	09/08/2005	Vinyl Chloride	0.2	U
<b>AGW114</b>				
AGW114	06/15/2004	cis-1,2-Dichloroethene	0.5	
AGW114	09/01/2004	cis-1,2-Dichloroethene	1.4	
AGW114	10/06/2004	cis-1,2-Dichloroethene	2.2	
AGW114	11/03/2004	cis-1,2-Dichloroethene	2.1	
AGW114	12/10/2004	cis-1,2-Dichloroethene	1.9	
AGW114	01/05/2005	cis-1,2-Dichloroethene	1.6	
AGW114	02/10/2005	cis-1,2-Dichloroethene	1.0	
AGW114	04/06/2005	cis-1,2-Dichloroethene	0.9	
AGW114	05/04/2005	cis-1,2-Dichloroethene	0.9	
AGW114	06/02/2005	cis-1,2-Dichloroethene	0.9	
AGW114	07/06/2005	cis-1,2-Dichloroethene	0.6	
AGW114	08/12/2005	cis-1,2-Dichloroethene	0.8	
AGW114	09/08/2005	cis-1,2-Dichloroethene	1.2	
AGW114	06/15/2004	Trichloroethene	6.2	
AGW114	09/01/2004	Trichloroethene	21	
AGW114	10/06/2004	Trichloroethene	6.8	
AGW114	11/03/2004	Trichloroethene	4.6	
AGW114	12/10/2004	Trichloroethene	1.5	
AGW114	01/05/2005	Trichloroethene	1.2	
AGW114	02/10/2005	Trichloroethene	2.0	
AGW114	04/06/2005	Trichloroethene	1.9	
AGW114	05/04/2005	Trichloroethene	1.6	
AGW114	06/02/2005	Trichloroethene	1.8	
AGW114	07/06/2005	Trichloroethene	1.9	
AGW114	08/12/2005	Trichloroethene	2.0	
AGW114	09/08/2005	Trichloroethene	4.7	
AGW114	06/15/2004	Vinyl Chloride	0.2	U
AGW114	09/01/2004	Vinyl Chloride	0.6	U
AGW114	10/06/2004	Vinyl Chloride	0.2	U
AGW114	11/03/2004	Vinyl Chloride	0.2	U
AGW114	12/10/2004	Vinyl Chloride	0.2	U
AGW114	01/05/2005	Vinyl Chloride	0.2	U
AGW114	02/10/2005	Vinyl Chloride	0.2	U
AGW114	04/06/2005	Vinyl Chloride	0.2	U
AGW114	05/04/2005	Vinyl Chloride	0.2	U
AGW114	06/02/2005	Vinyl Chloride	0.2	U
AGW114	07/06/2005	Vinyl Chloride	0.2	U
AGW114	08/12/2005	Vinyl Chloride	0.2	U

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW114	09/08/2005	Vinyl Chloride	0.2	U
<b>AGW122</b>				
AGW122	12/21/2004	cis-1,2-Dichloroethene	0.6	
AGW122	02/07/2005	cis-1,2-Dichloroethene	6.8	
AGW122	05/03/2005	cis-1,2-Dichloroethene	35	
AGW122	08/09/2005	cis-1,2-Dichloroethene	19	
AGW122	12/21/2004	Trichloroethene	5.8	
AGW122	02/07/2005	Trichloroethene	6.4	
AGW122	05/03/2005	Trichloroethene	1.0	U
AGW122	08/09/2005	Trichloroethene	5.0	U
AGW122	12/21/2004	Vinyl Chloride	0.2	U
AGW122	02/07/2005	Vinyl Chloride	2.0	U
AGW122	05/03/2005	Vinyl Chloride	1.0	U
AGW122	08/09/2005	Vinyl Chloride	5.0	U
<b>AGW123</b>				
AGW123	12/21/2004	cis-1,2-Dichloroethene	0.2	U
AGW123	02/07/2005	cis-1,2-Dichloroethene	0.2	U
AGW123	12/21/2004	Trichloroethene	0.9	
AGW123	02/07/2005	Trichloroethene	0.9	
AGW123	12/21/2004	Vinyl Chloride	0.2	U
AGW123	02/07/2005	Vinyl Chloride	0.2	U
<b>AGW124</b>				
AGW124	12/21/2004	cis-1,2-Dichloroethene	0.2	U
AGW124	02/08/2005	cis-1,2-Dichloroethene	0.2	U
AGW124	12/21/2004	Trichloroethene	0.7	
AGW124	02/08/2005	Trichloroethene	0.7	
AGW124	12/21/2004	Vinyl Chloride	0.2	U
AGW124	02/08/2005	Vinyl Chloride	0.2	U
<b>IW31(S)</b>				
IW31(S)	06/21/2004	cis-1,2-Dichloroethene	4.9	
IW31(S)	11/03/2004	cis-1,2-Dichloroethene	100	
IW31(S)	02/09/2005	cis-1,2-Dichloroethene	97	
IW31(S)	05/04/2005	cis-1,2-Dichloroethene	95	
IW31(S)	08/10/2005	cis-1,2-Dichloroethene	3.5	
IW31(S)	06/21/2004	Trichloroethene	25	
IW31(S)	11/03/2004	Trichloroethene	2.0	U
IW31(S)	02/09/2005	Trichloroethene	2.4	
IW31(S)	05/04/2005	Trichloroethene	0.5	
IW31(S)	08/10/2005	Trichloroethene	0.2	
IW31(S)	06/21/2004	Vinyl Chloride	0.6	U
IW31(S)	11/03/2004	Vinyl Chloride	2.7	
IW31(S)	02/09/2005	Vinyl Chloride	7.3	
IW31(S)	05/04/2005	Vinyl Chloride	1.5	
IW31(S)	08/10/2005	Vinyl Chloride	2.8	
<b>IW5(S)</b>				
IW5(S)	06/18/2004	cis-1,2-Dichloroethene	18	
IW5(S)	08/30/2004	cis-1,2-Dichloroethene	4.8	

## Shallow Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
IW5(S)	10/04/2004	cis-1,2-Dichloroethene	28	
IW5(S)	11/02/2004	cis-1,2-Dichloroethene	100	
IW5(S)	12/08/2004	cis-1,2-Dichloroethene	150	
IW5(S)	01/03/2005	cis-1,2-Dichloroethene	320	
IW5(S)	02/07/2005	cis-1,2-Dichloroethene	48	
IW5(S)	03/07/2005	cis-1,2-Dichloroethene	1.0 U	
IW5(S)	04/04/2005	cis-1,2-Dichloroethene	100	
IW5(S)	05/03/2005	cis-1,2-Dichloroethene	40	
IW5(S)	06/01/2005	cis-1,2-Dichloroethene	34	
IW5(S)	07/05/2005	cis-1,2-Dichloroethene	18	
IW5(S)	08/09/2005	cis-1,2-Dichloroethene	15	
IW5(S)	09/07/2005	cis-1,2-Dichloroethene	14	
IW5(S)	06/18/2004	Trichloroethene	150	
IW5(S)	08/30/2004	Trichloroethene	26	
IW5(S)	10/04/2004	Trichloroethene	40	
IW5(S)	11/02/2004	Trichloroethene	32	
IW5(S)	12/08/2004	Trichloroethene	27	
IW5(S)	01/03/2005	Trichloroethene	4.3	
IW5(S)	02/07/2005	Trichloroethene	11	
IW5(S)	03/07/2005	Trichloroethene	1.0 U	
IW5(S)	04/04/2005	Trichloroethene	1.7	
IW5(S)	05/03/2005	Trichloroethene	1.0 U	
IW5(S)	06/01/2005	Trichloroethene	1.0 U	
IW5(S)	07/05/2005	Trichloroethene	0.2	
IW5(S)	08/09/2005	Trichloroethene	1.0 U	
IW5(S)	09/07/2005	Trichloroethene	1.0 U	
IW5(S)	06/18/2004	Vinyl Chloride	1.0 U	
IW5(S)	08/30/2004	Vinyl Chloride	0.6 U	
IW5(S)	10/04/2004	Vinyl Chloride	2.7	
IW5(S)	11/02/2004	Vinyl Chloride	3.2	
IW5(S)	12/08/2004	Vinyl Chloride	1.6	
IW5(S)	01/03/2005	Vinyl Chloride	3.0 U	
IW5(S)	02/07/2005	Vinyl Chloride	3.4	
IW5(S)	03/07/2005	Vinyl Chloride	1.0 U	
IW5(S)	04/04/2005	Vinyl Chloride	1.0 U	
IW5(S)	05/03/2005	Vinyl Chloride	1.0 U	
IW5(S)	06/01/2005	Vinyl Chloride	1.0 U	
IW5(S)	07/05/2005	Vinyl Chloride	0.2	
IW5(S)	08/09/2005	Vinyl Chloride	1.0 U	
IW5(S)	09/07/2005	Vinyl Chloride	1.0 U	

Notes:

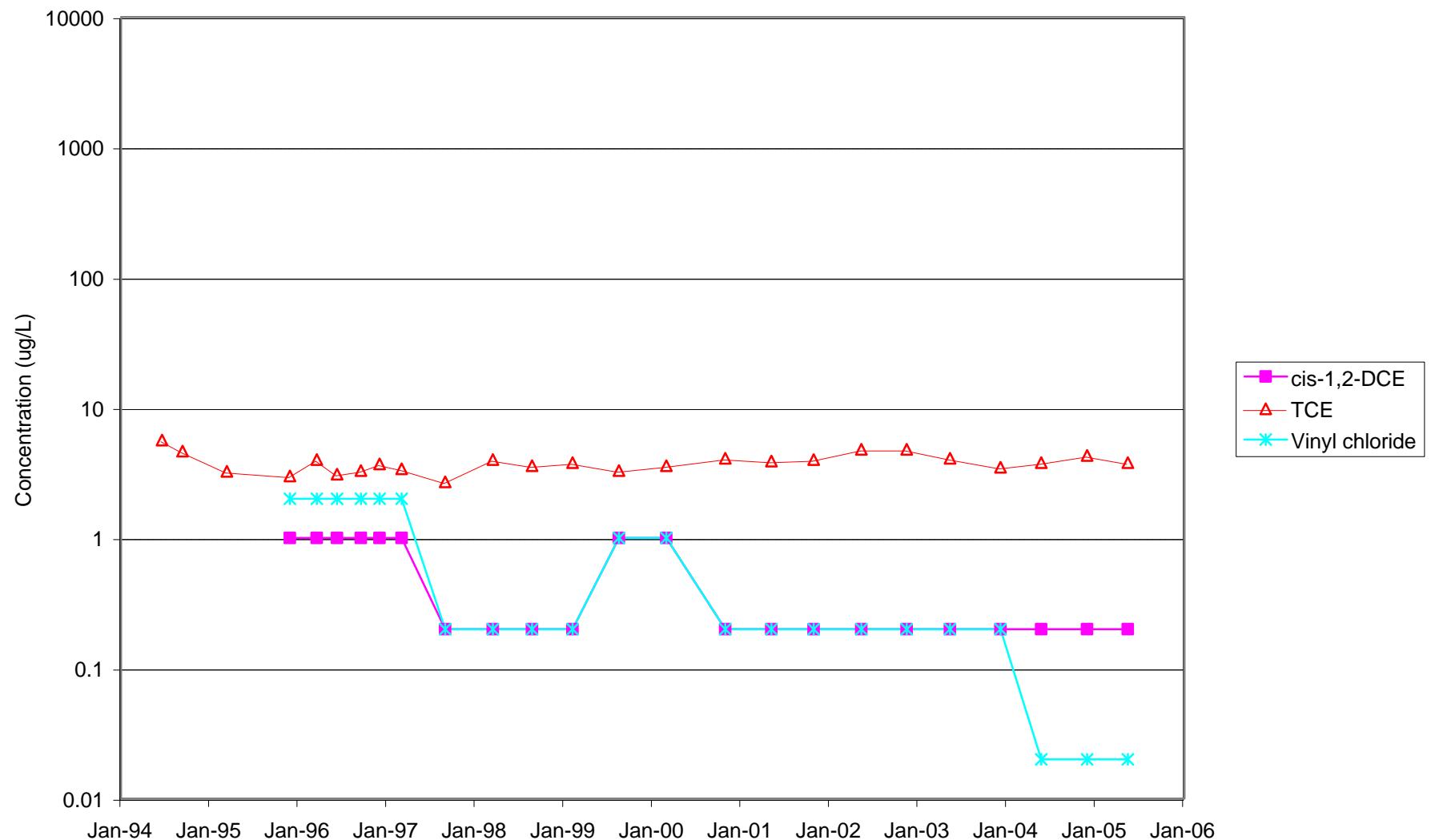
All units are µg/L

U = Not Detected at the Reporting Limit

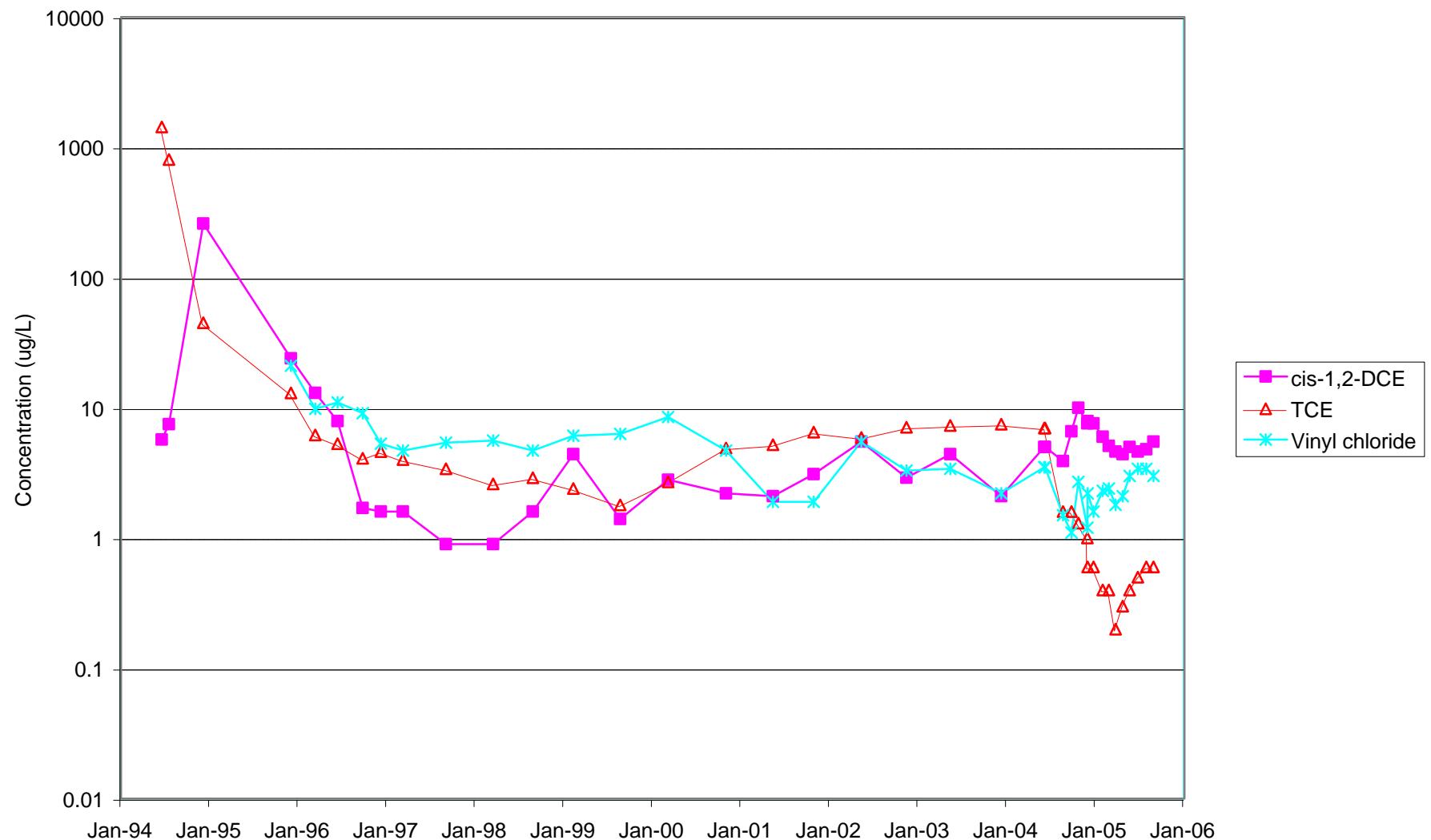
When vinyl chloride is reported by both VOC and VOCs: if both are detected, the higher of the detects is used; if both are not detected, lower RL is used; if one is detected and the other is not, then the detect is used.

Values for not detected plotted at reporting limit

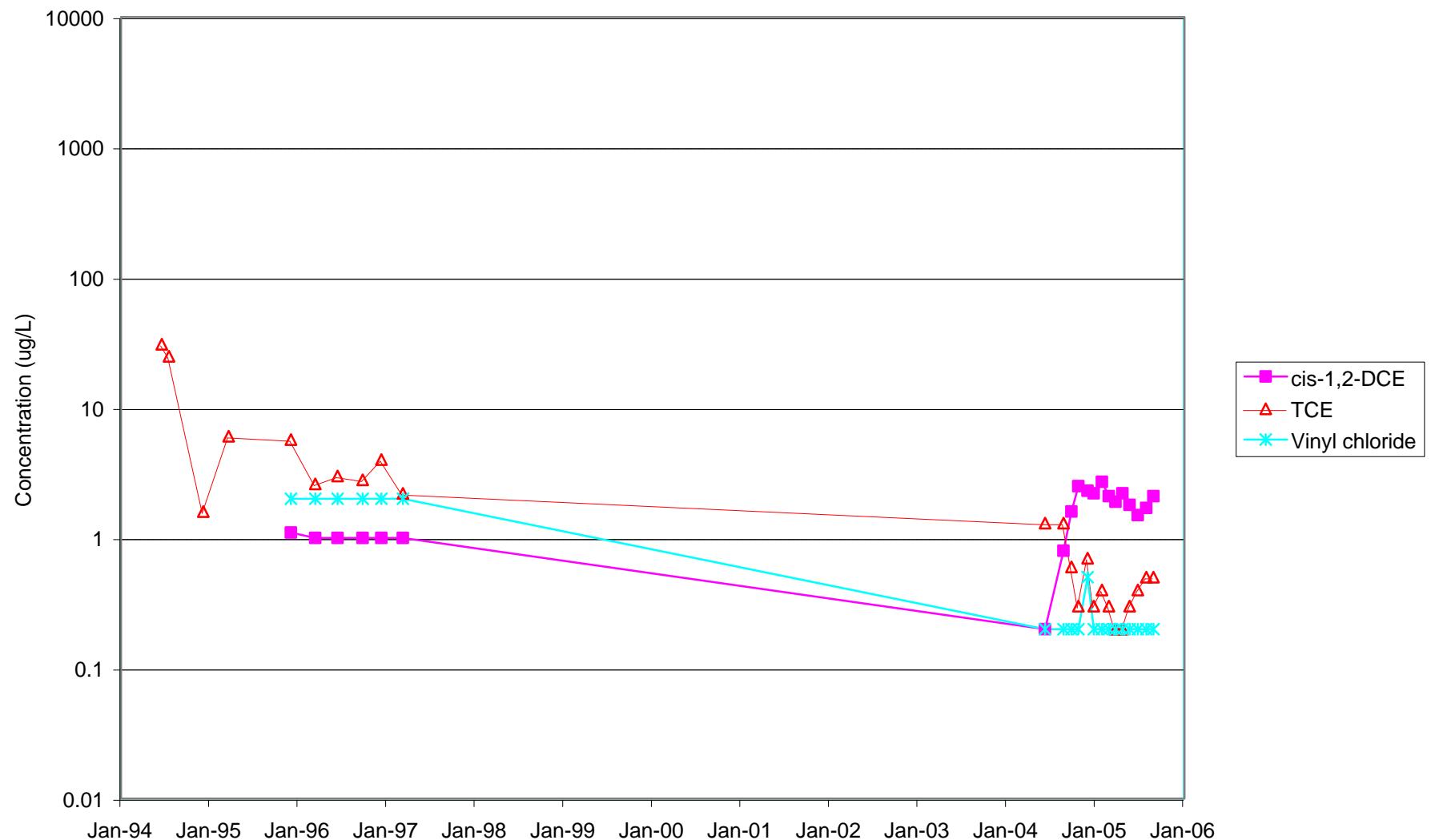
# AGW001



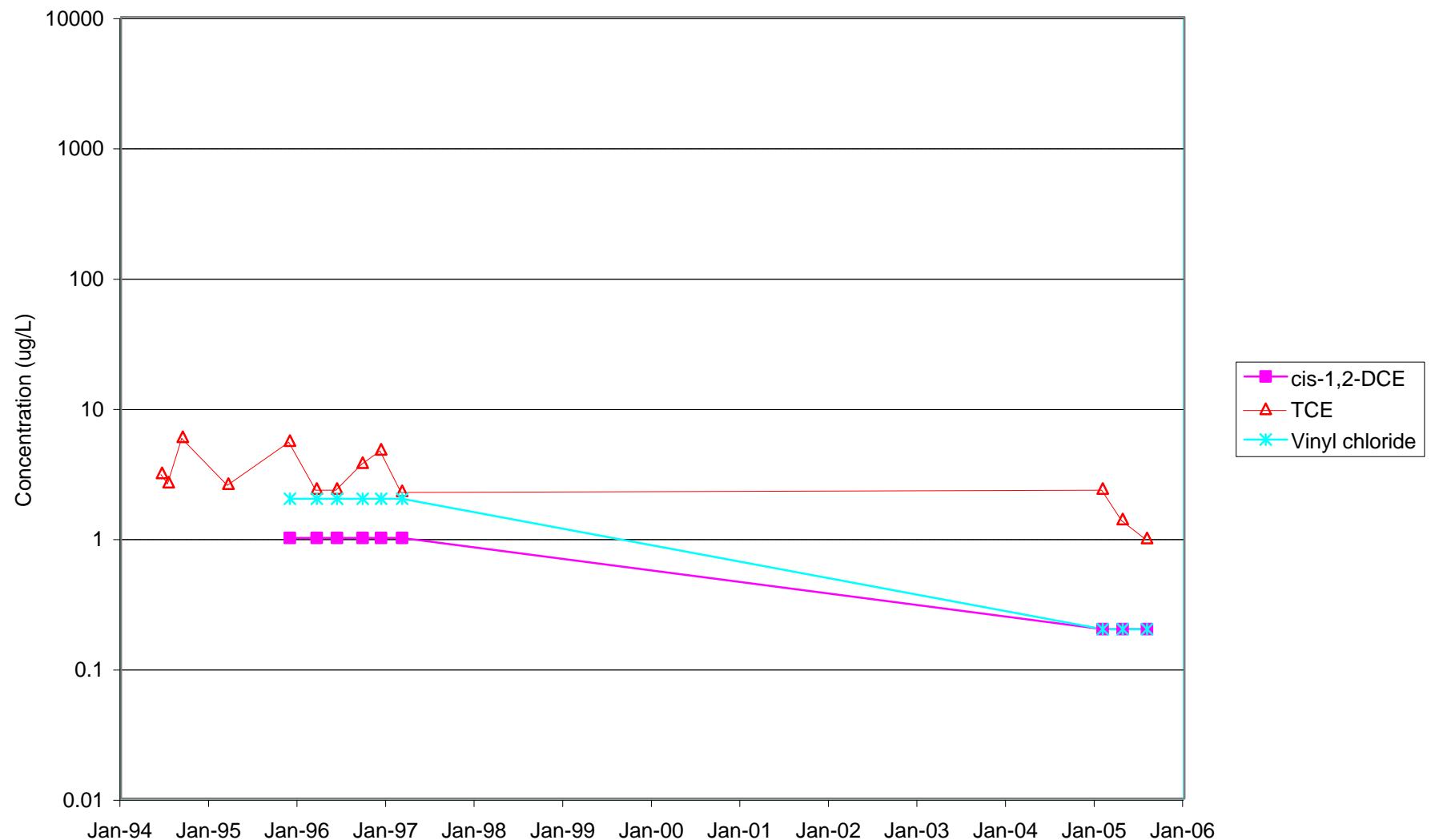
## AGW002



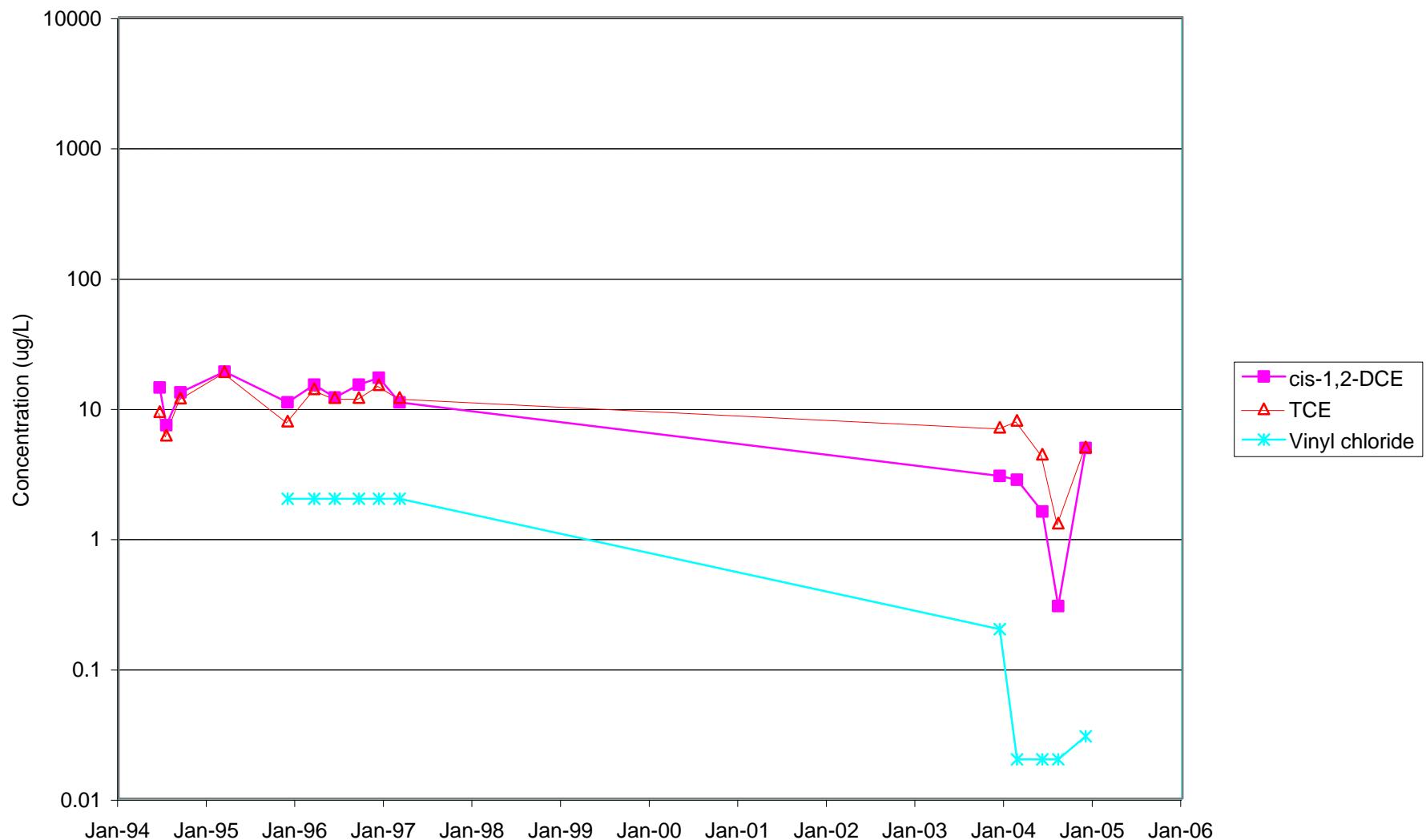
## AGW004



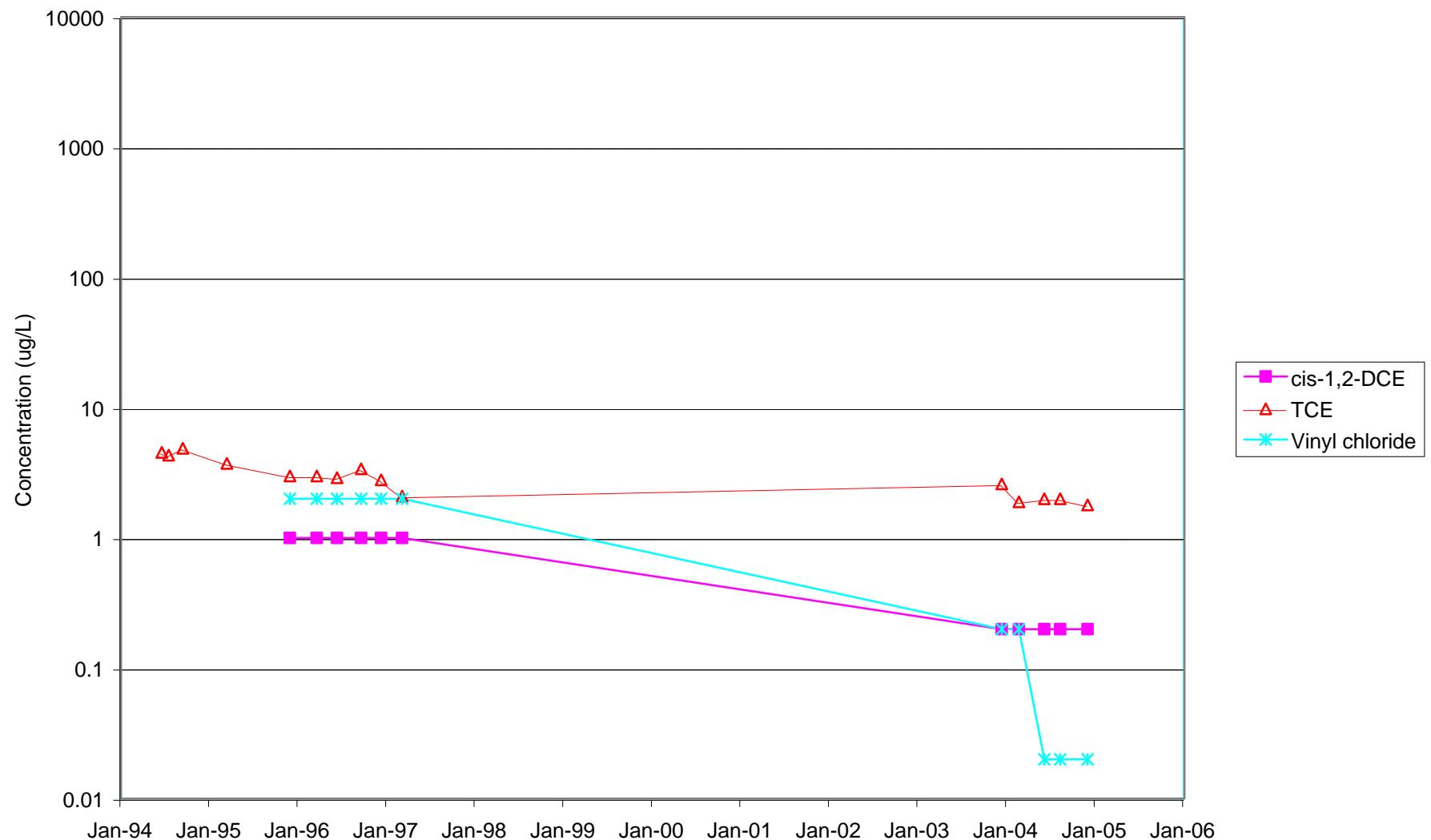
## AGW005



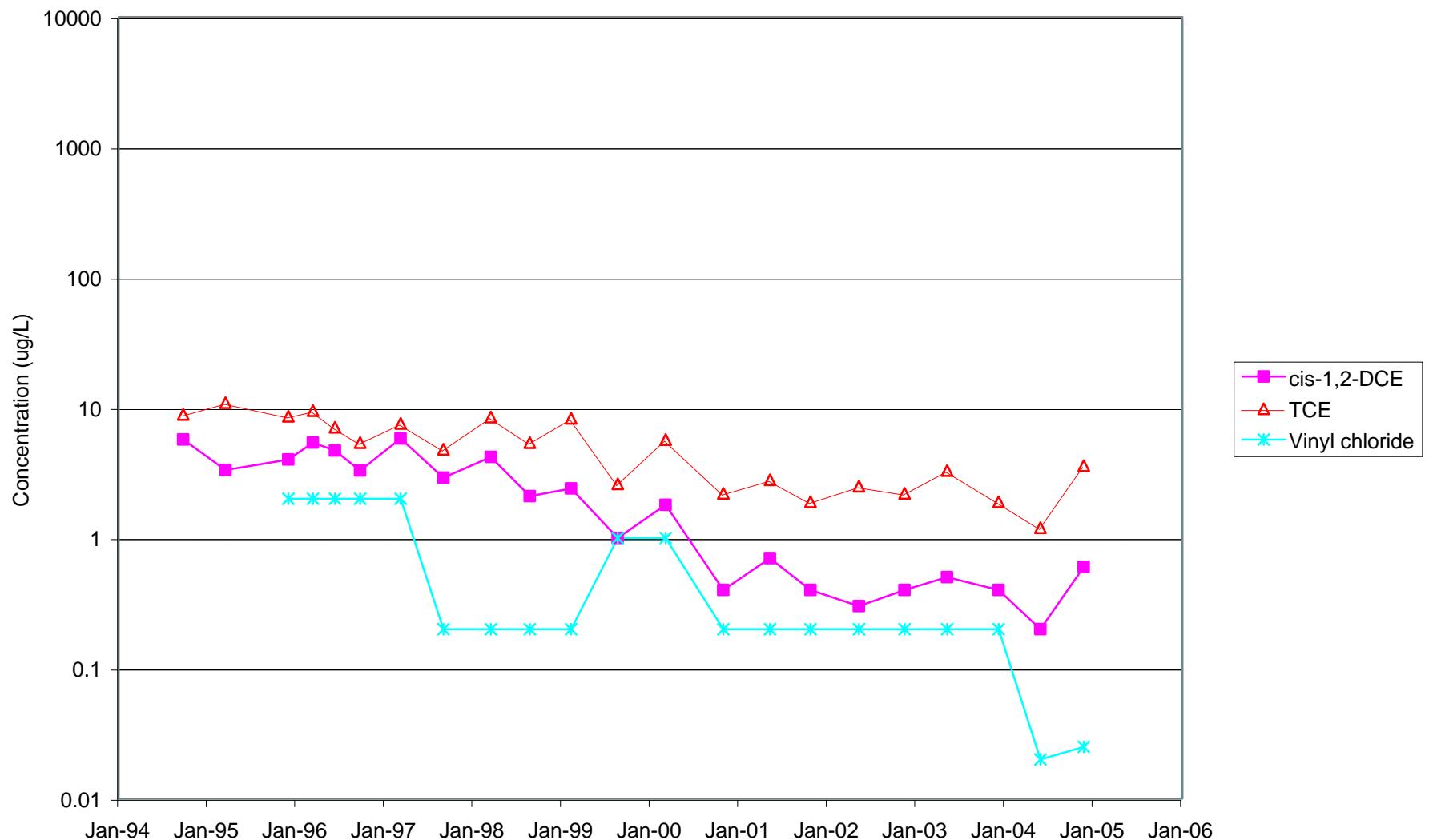
## AGW006



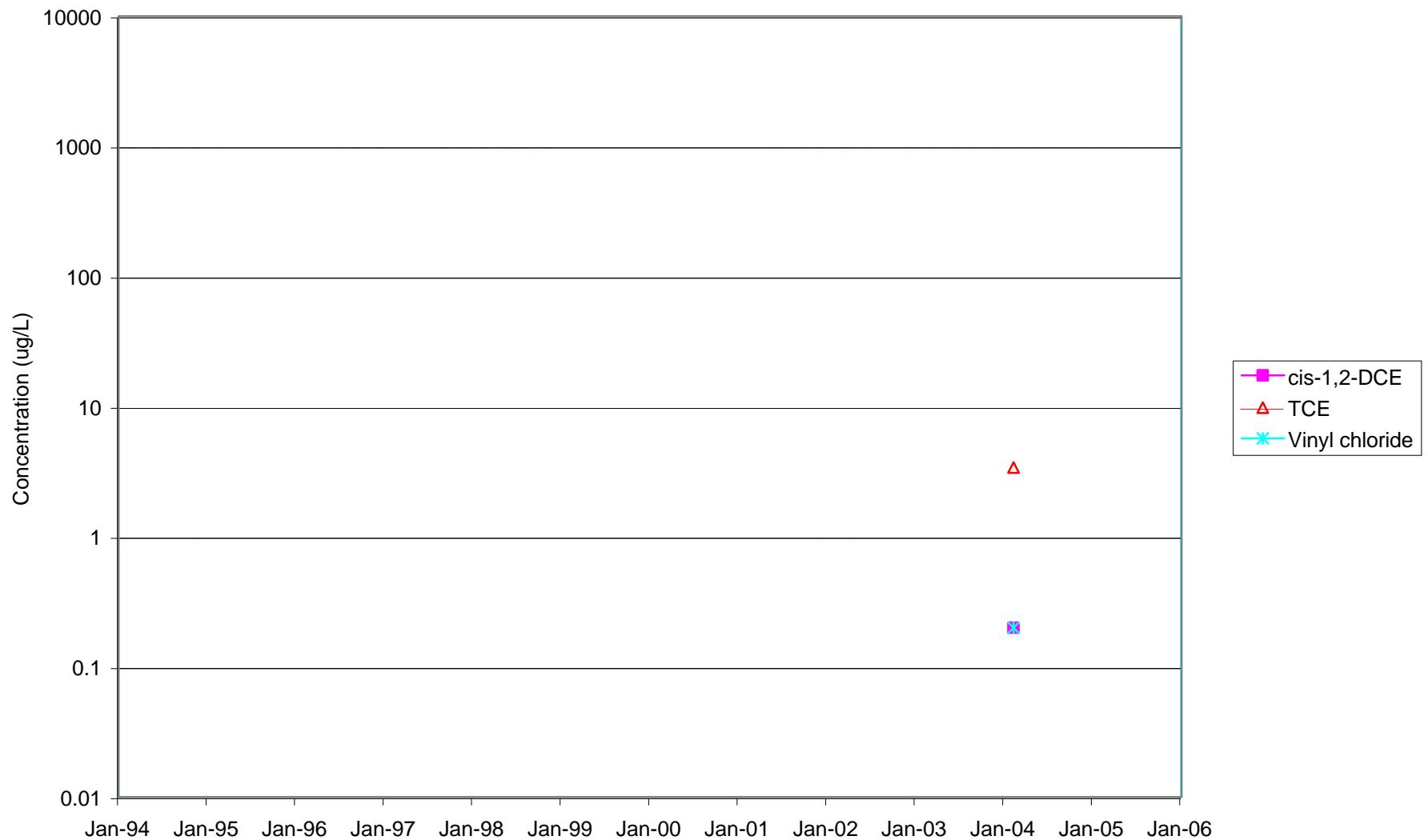
## AGW007



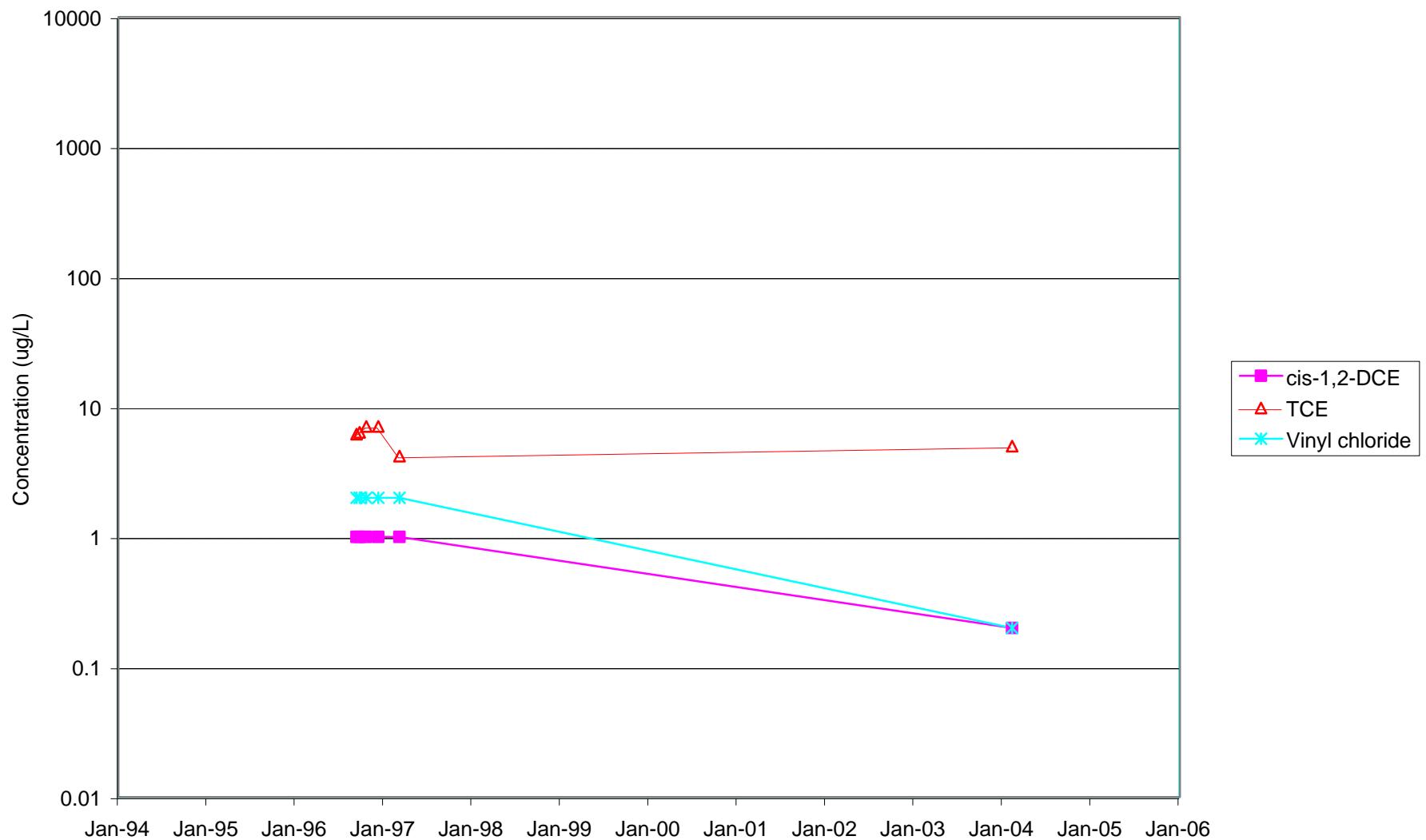
# AGW031



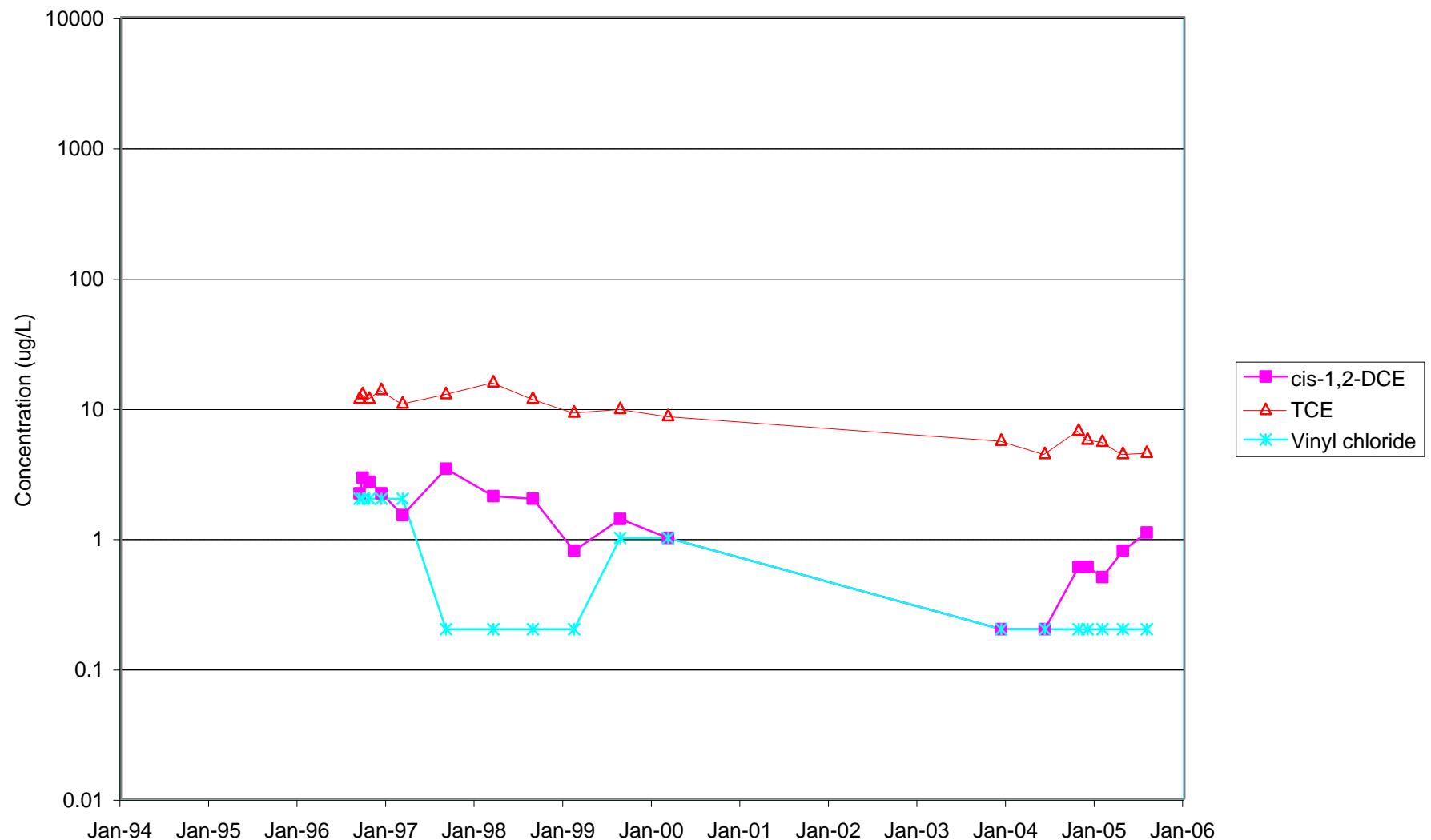
# AGW051



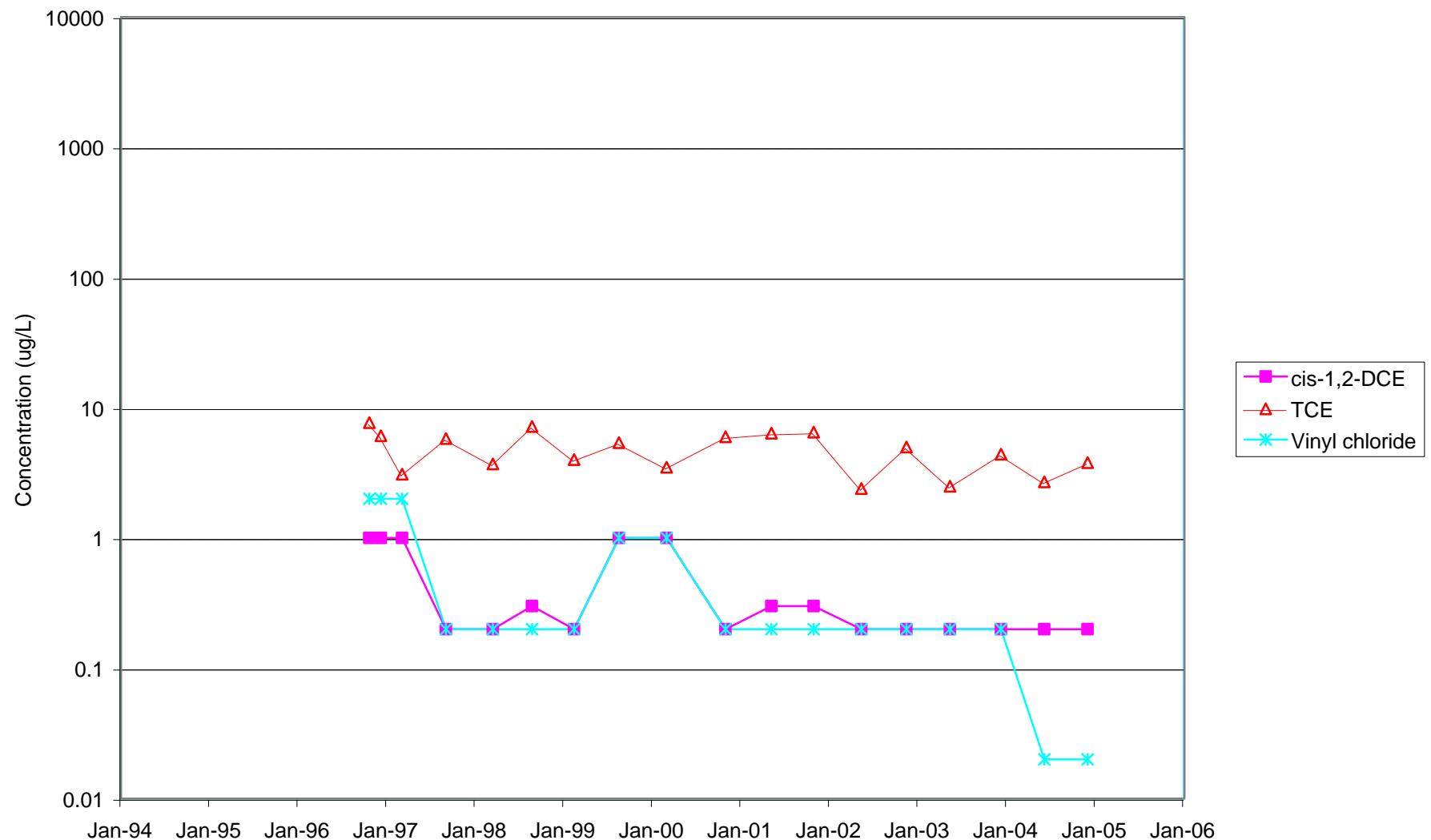
## AGW052



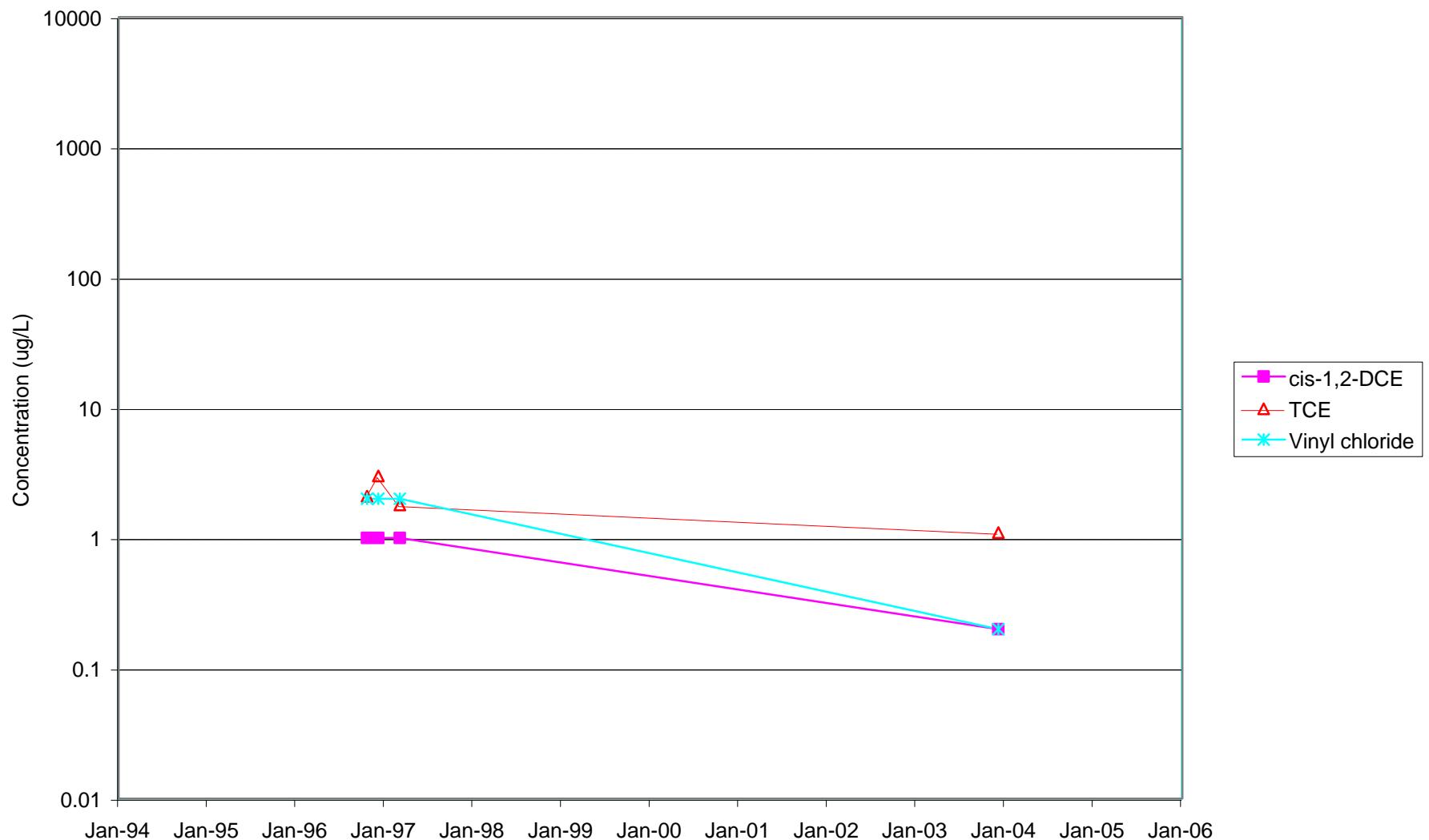
## AGW053



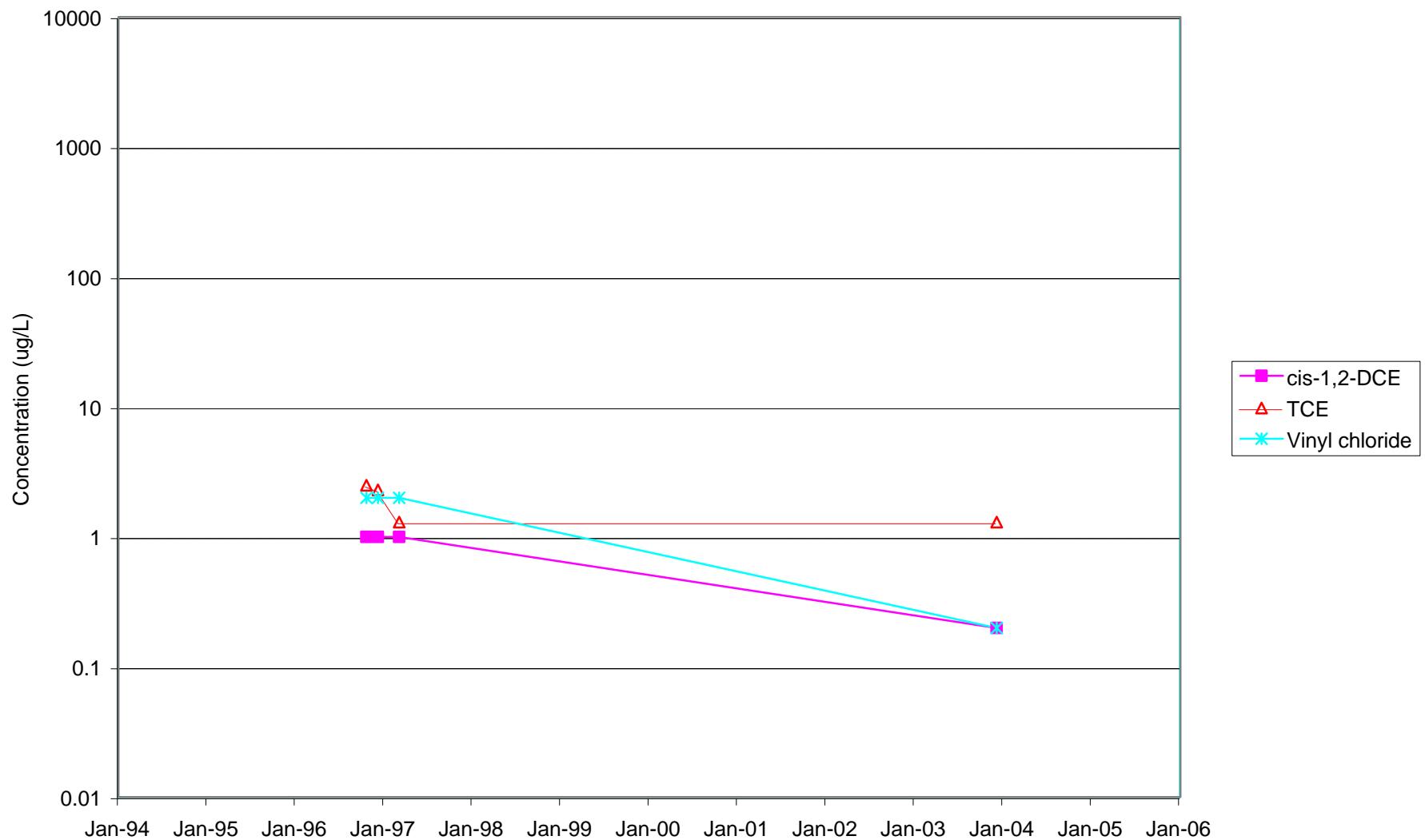
## AGW058



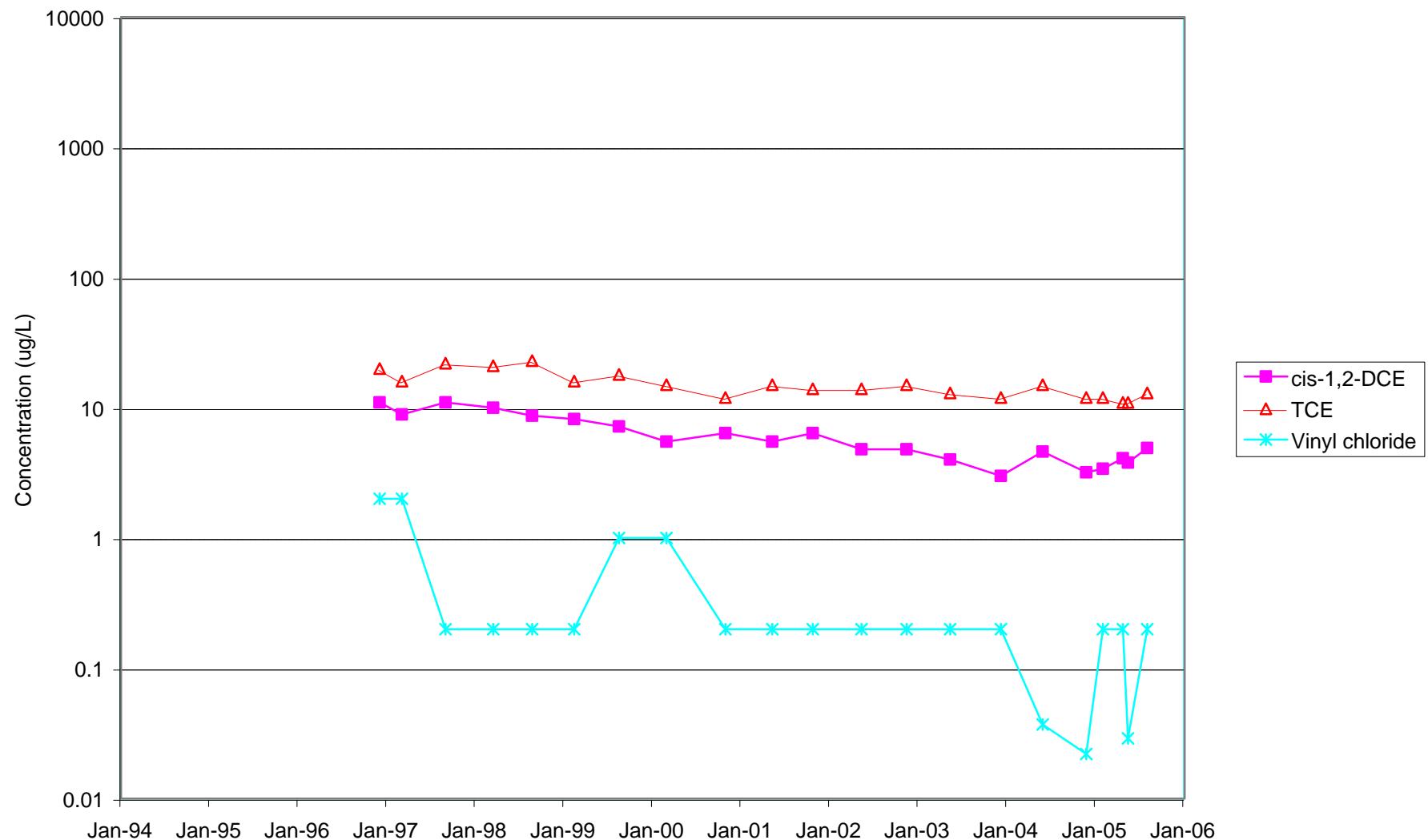
## AGW059



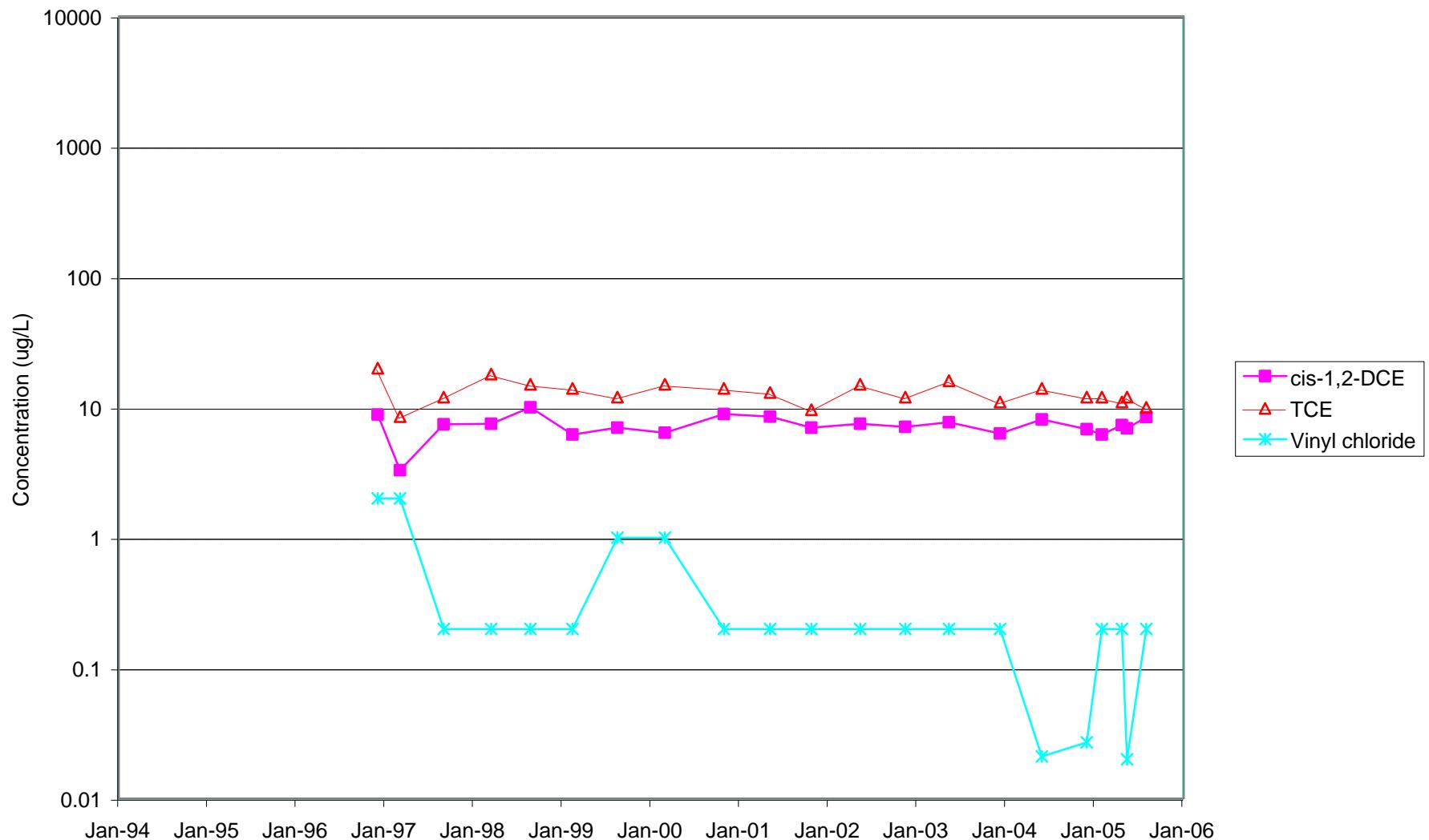
## AGW062



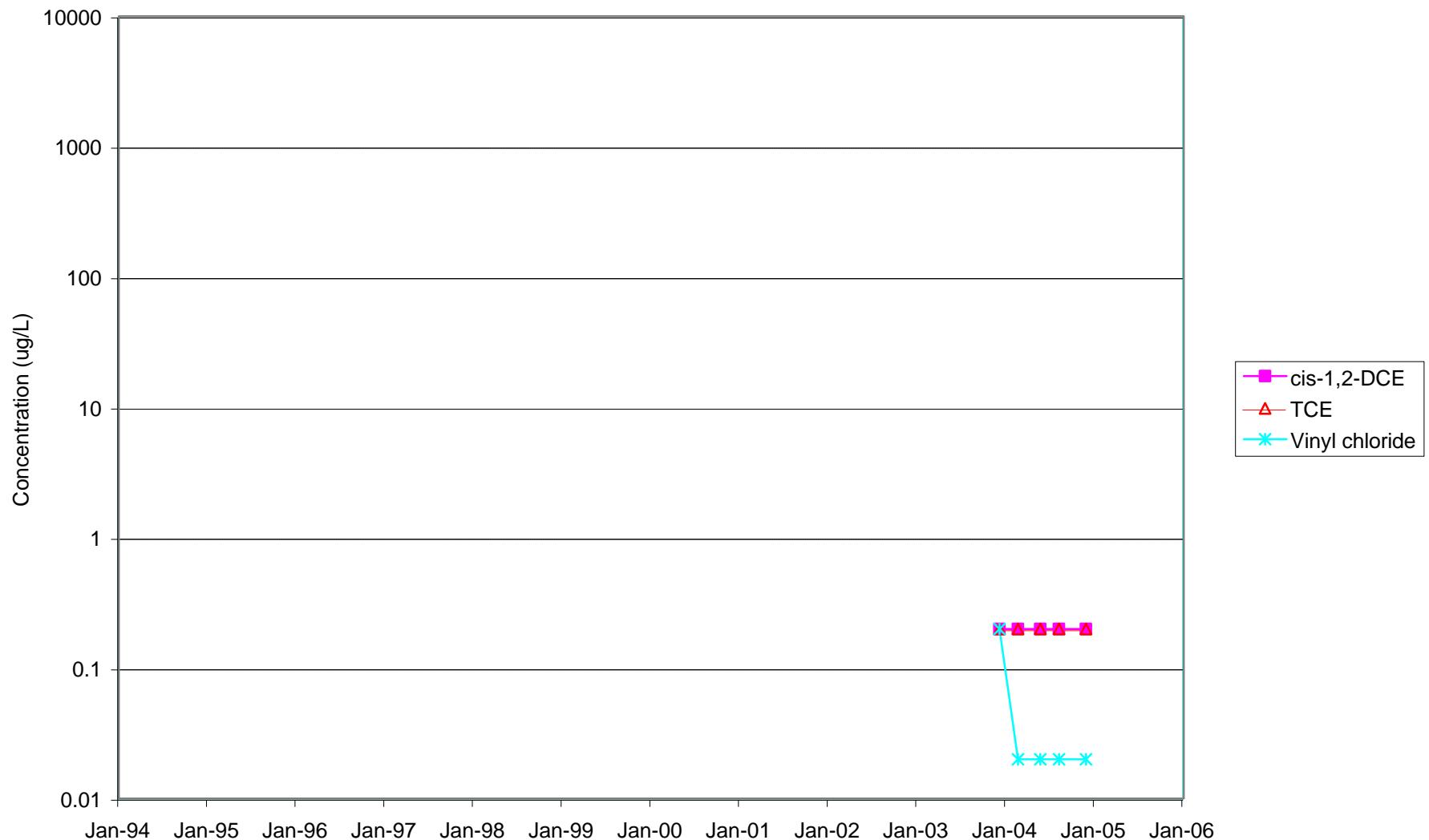
## AGW066



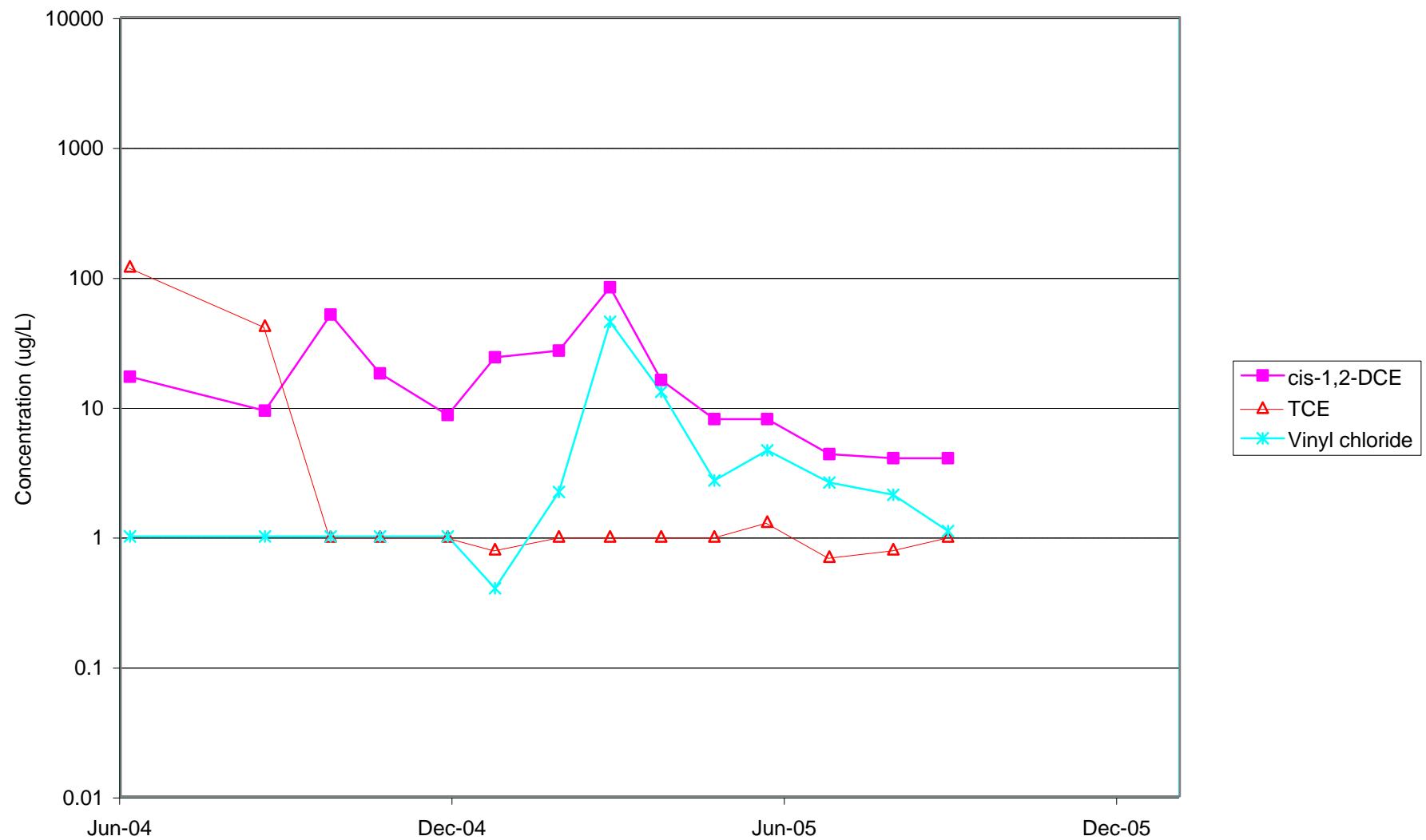
# AGW067



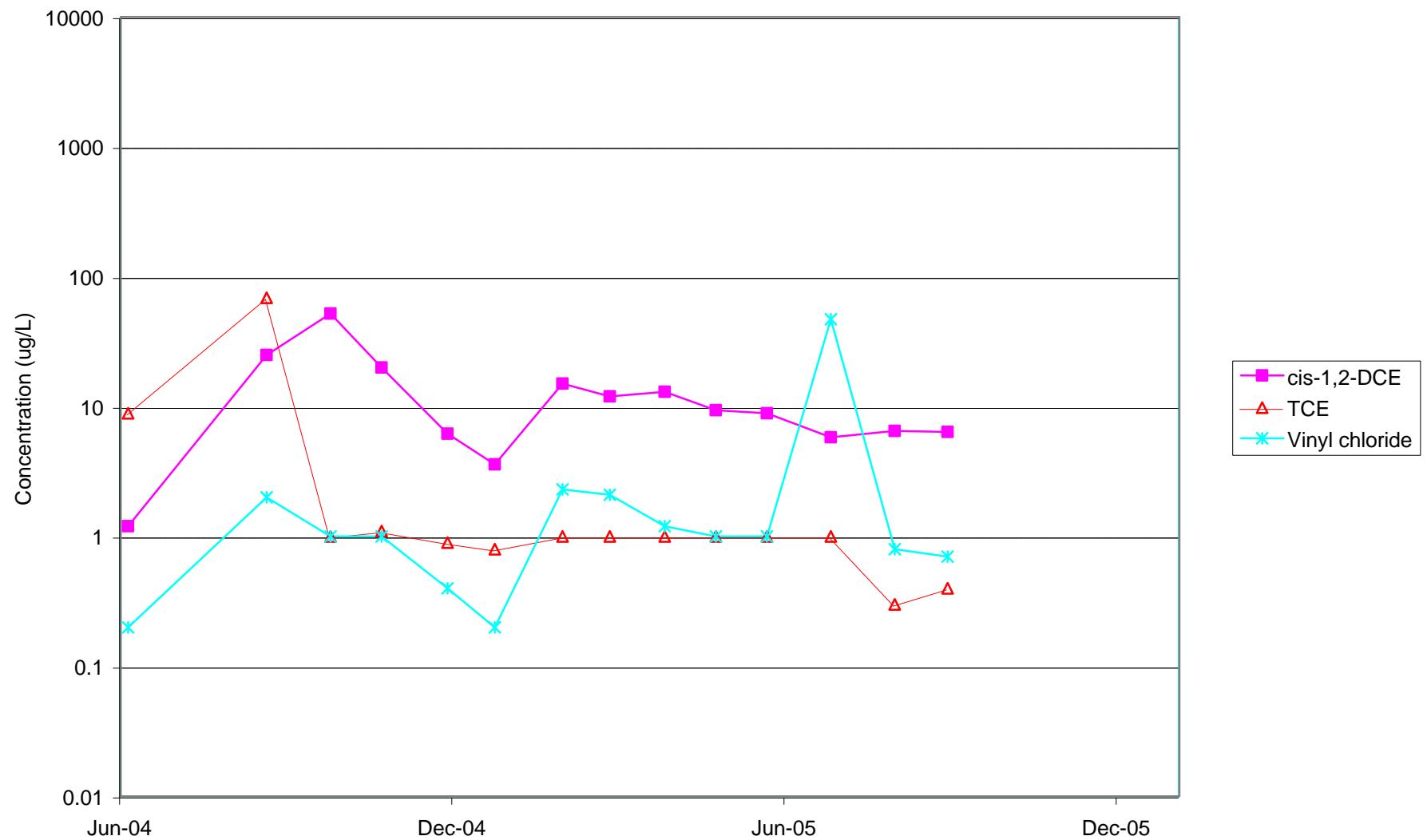
# AGW096



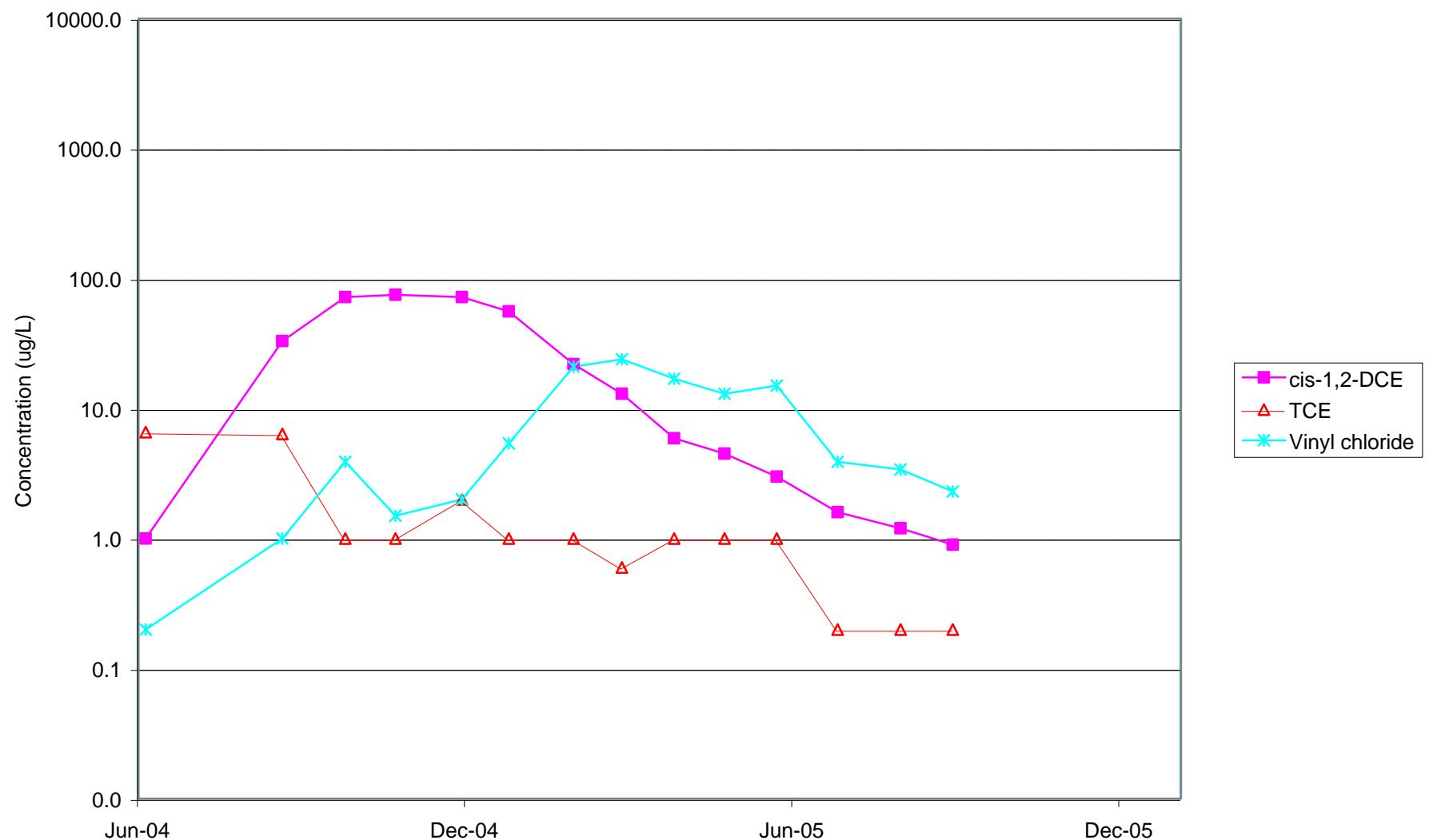
## AGW106



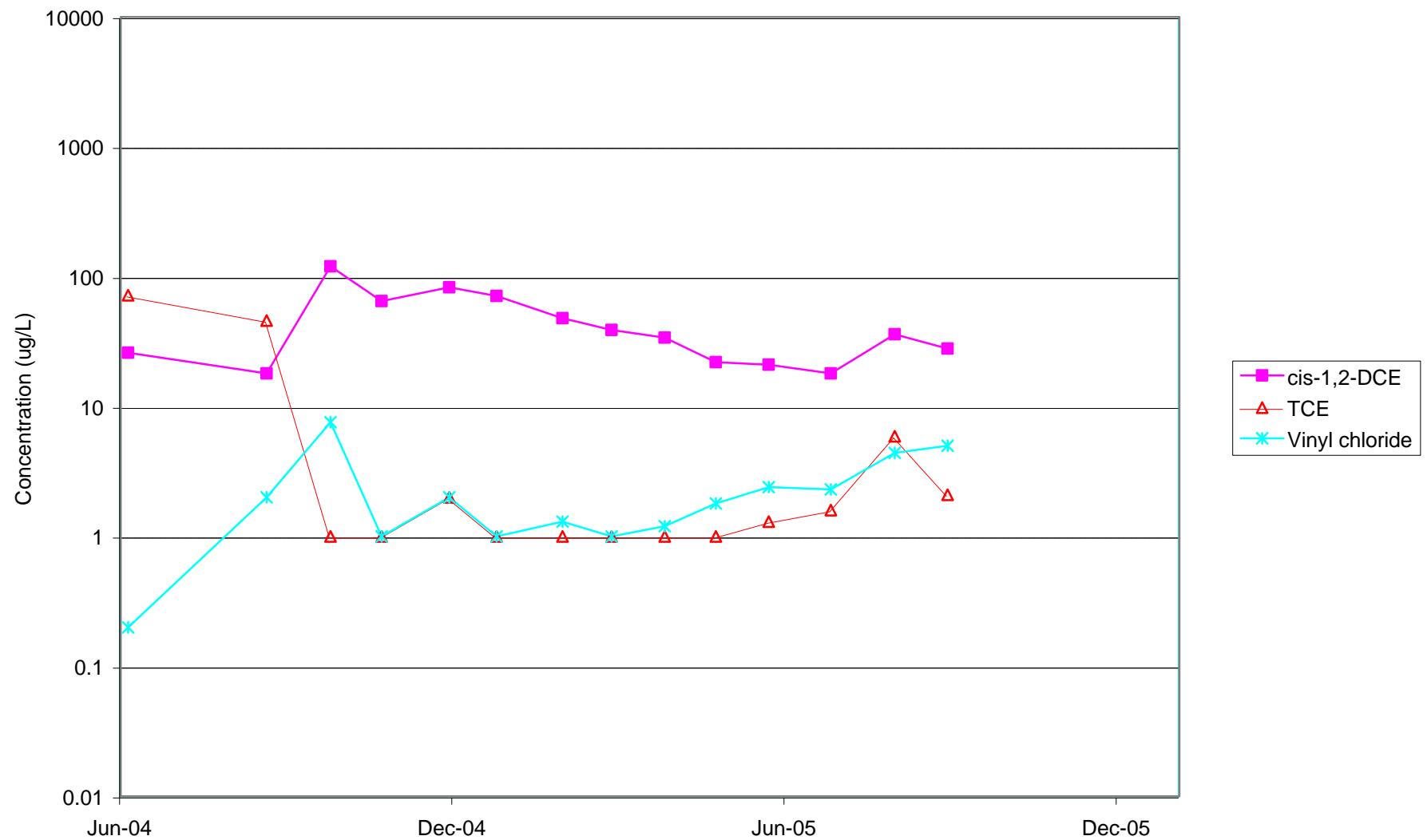
## AGW107



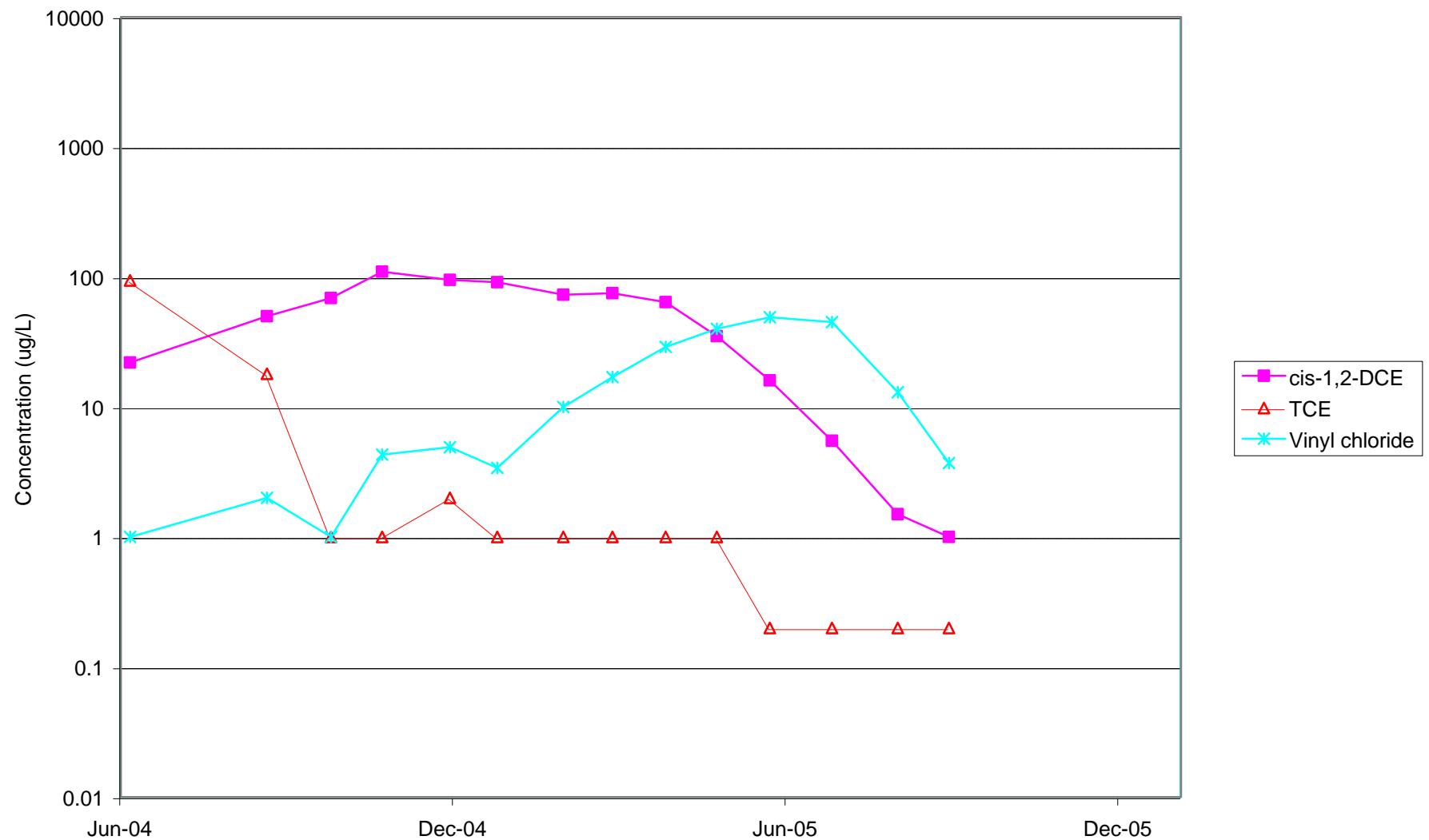
## AGW108



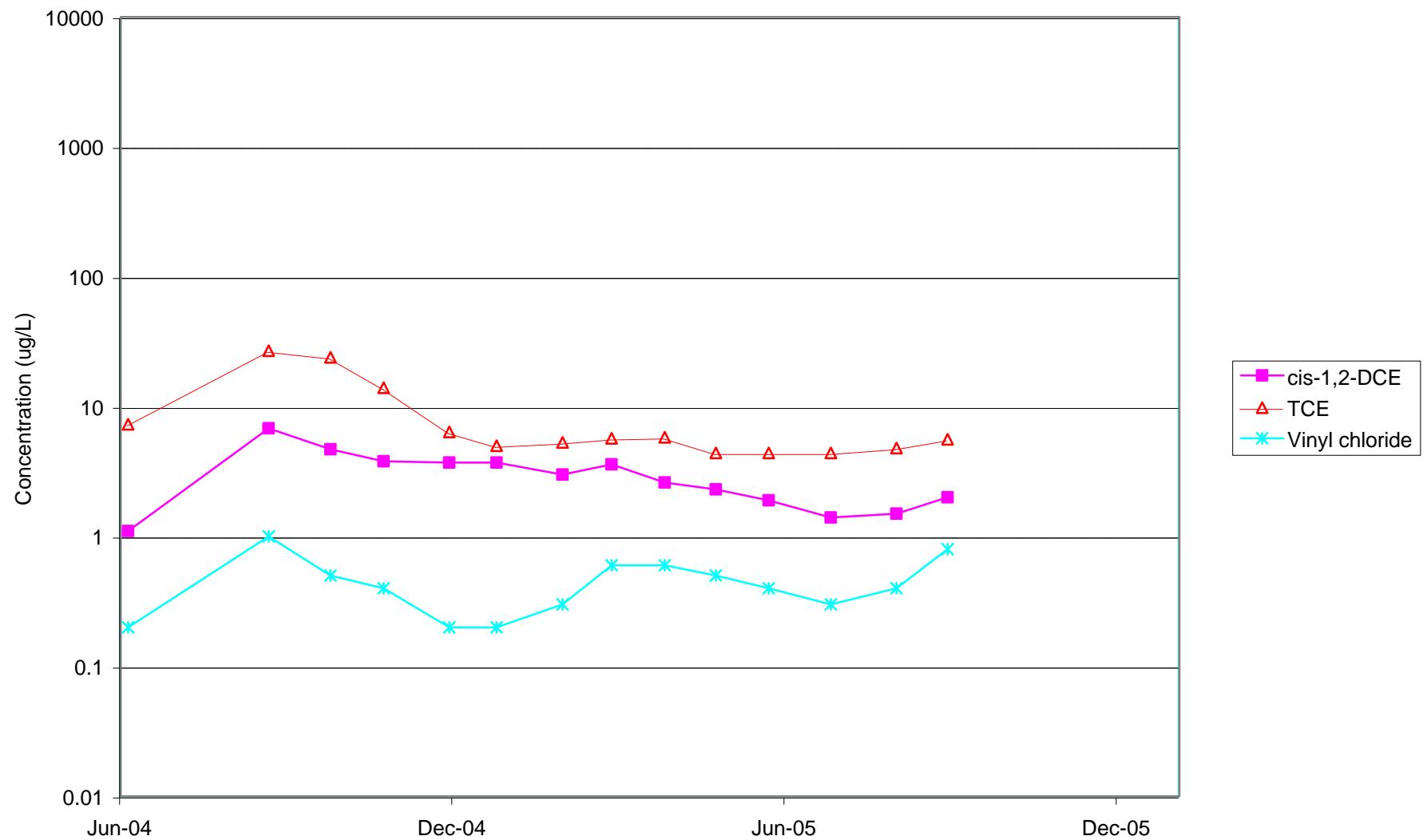
## AGW109



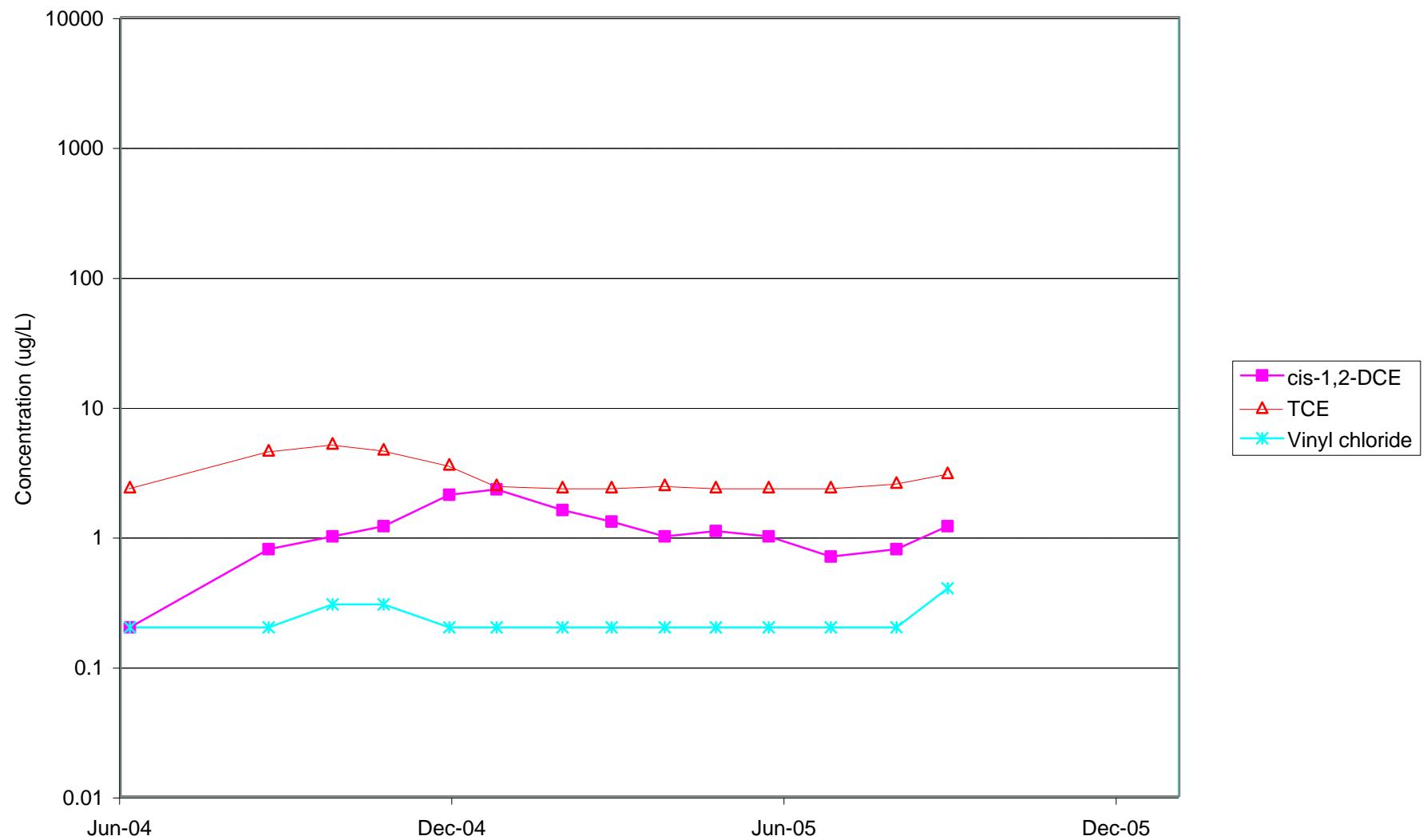
## AGW110



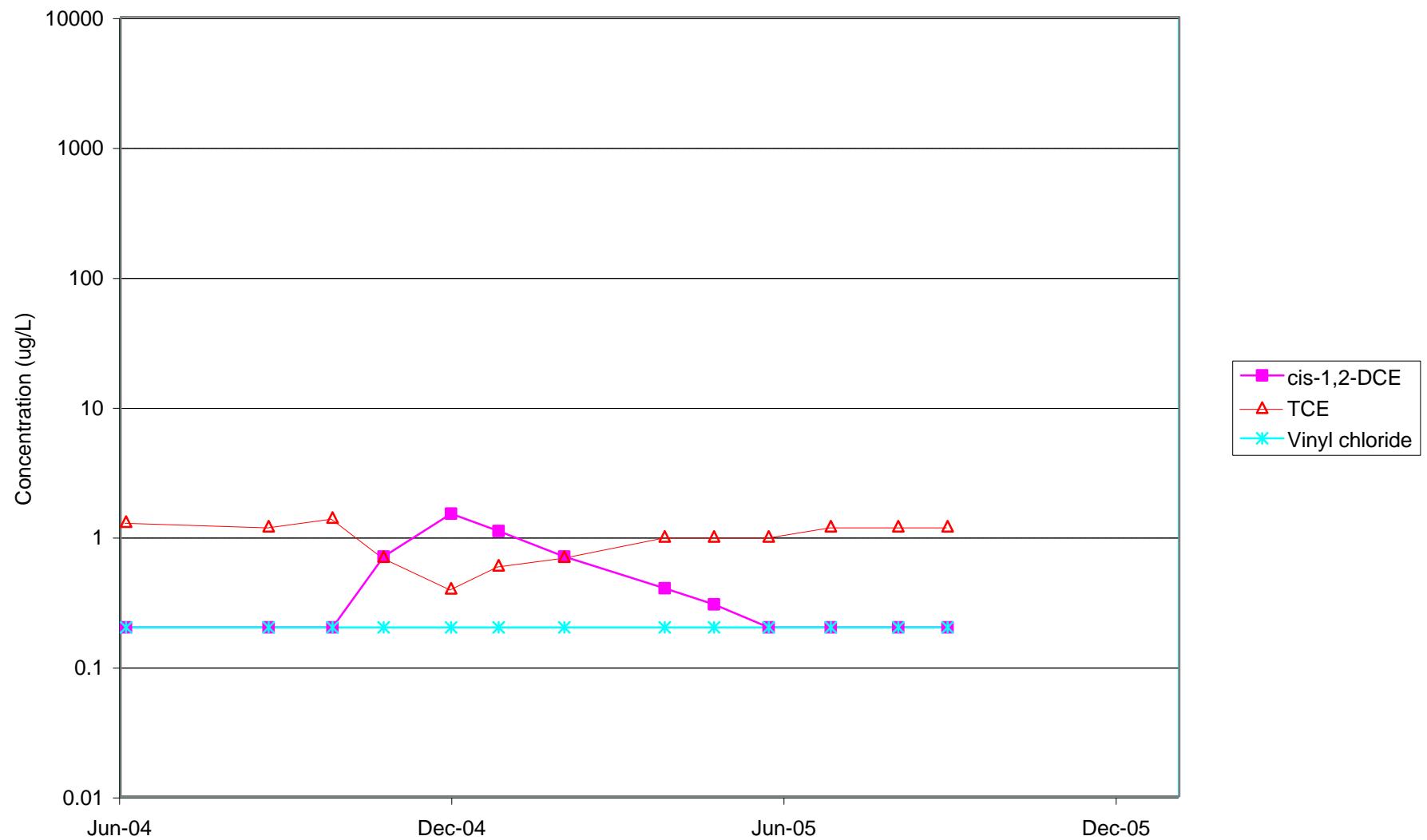
# AGW111



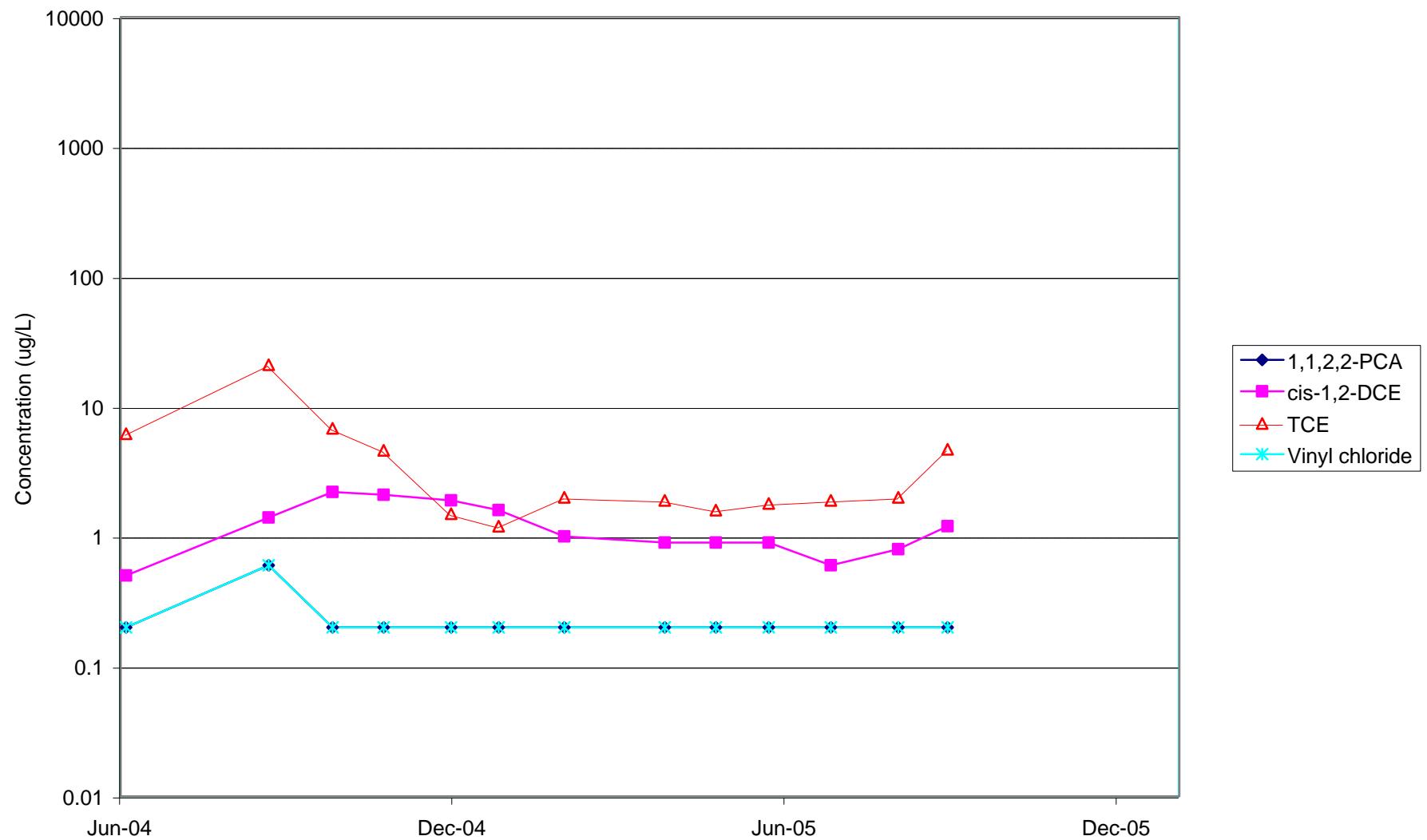
## AGW112



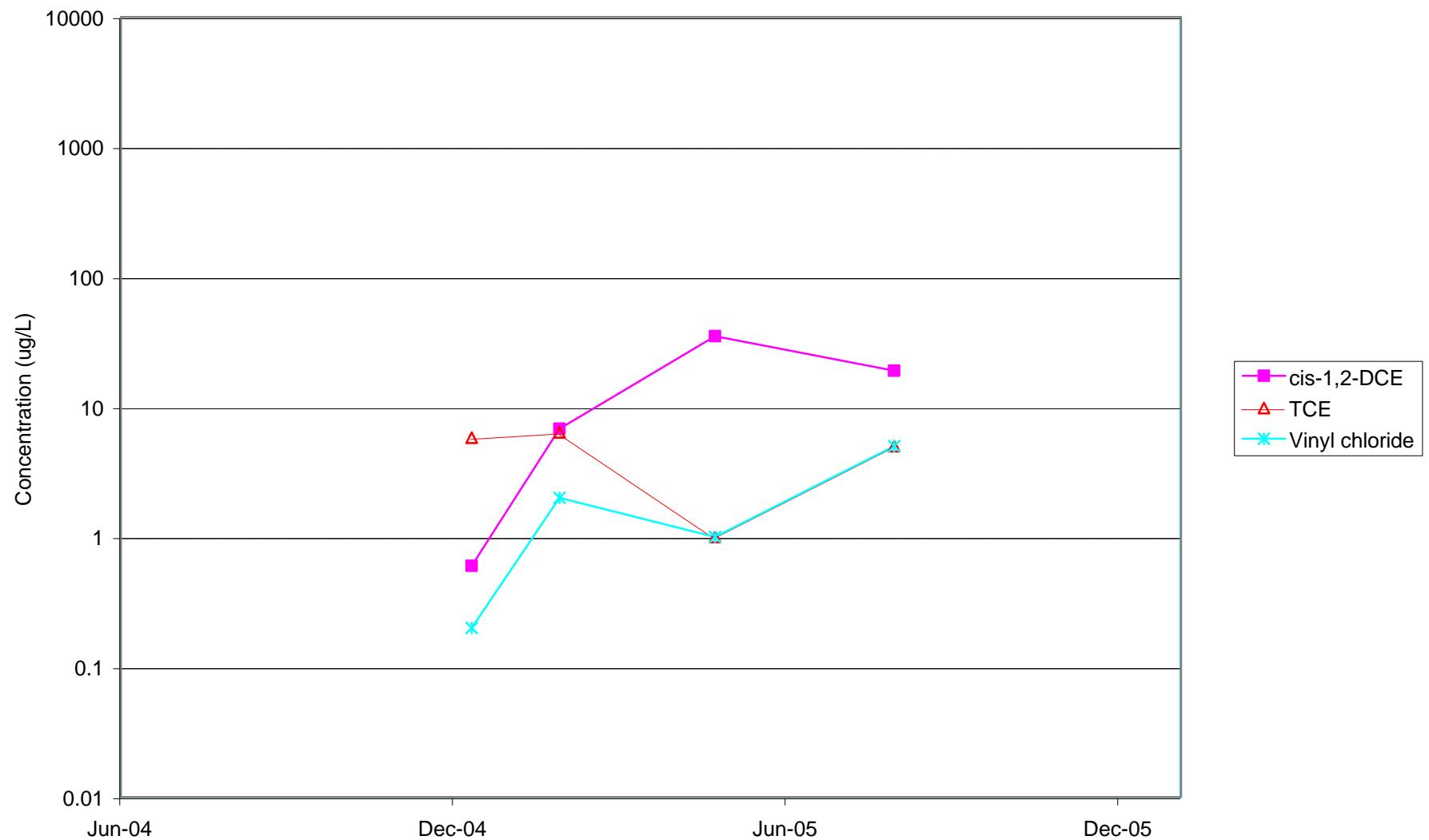
## AGW113



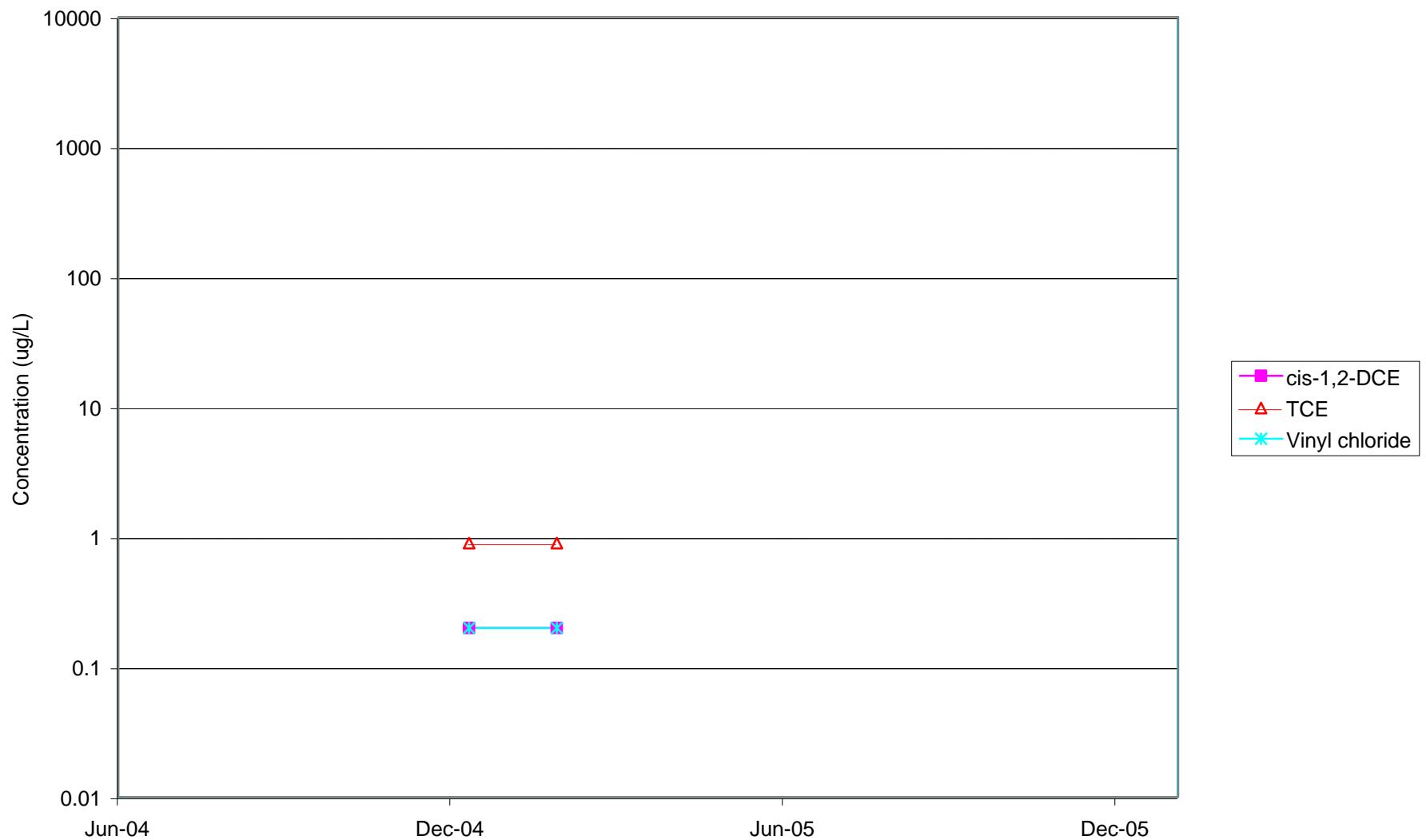
## AGW114



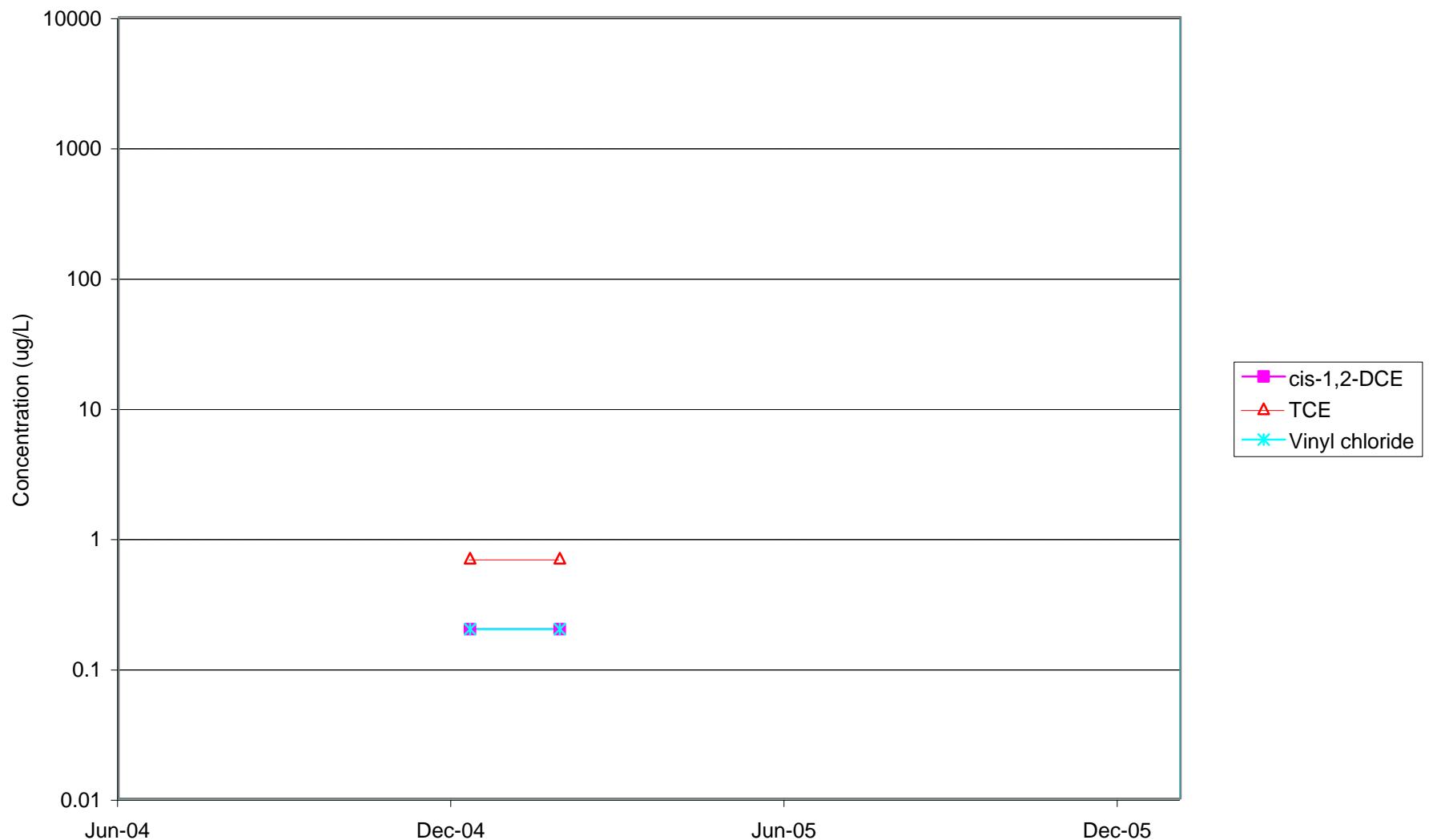
## AGW122



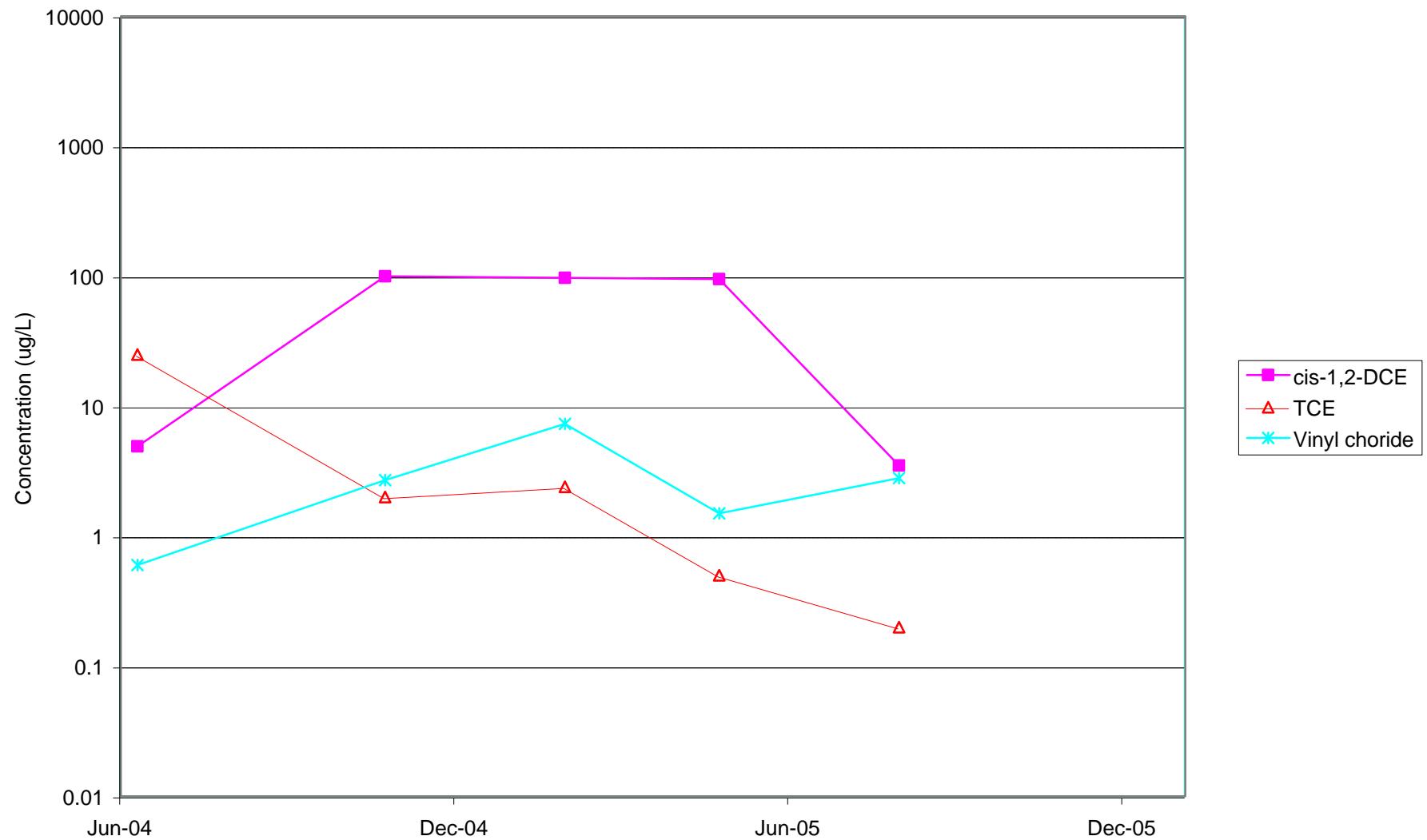
# AGW123



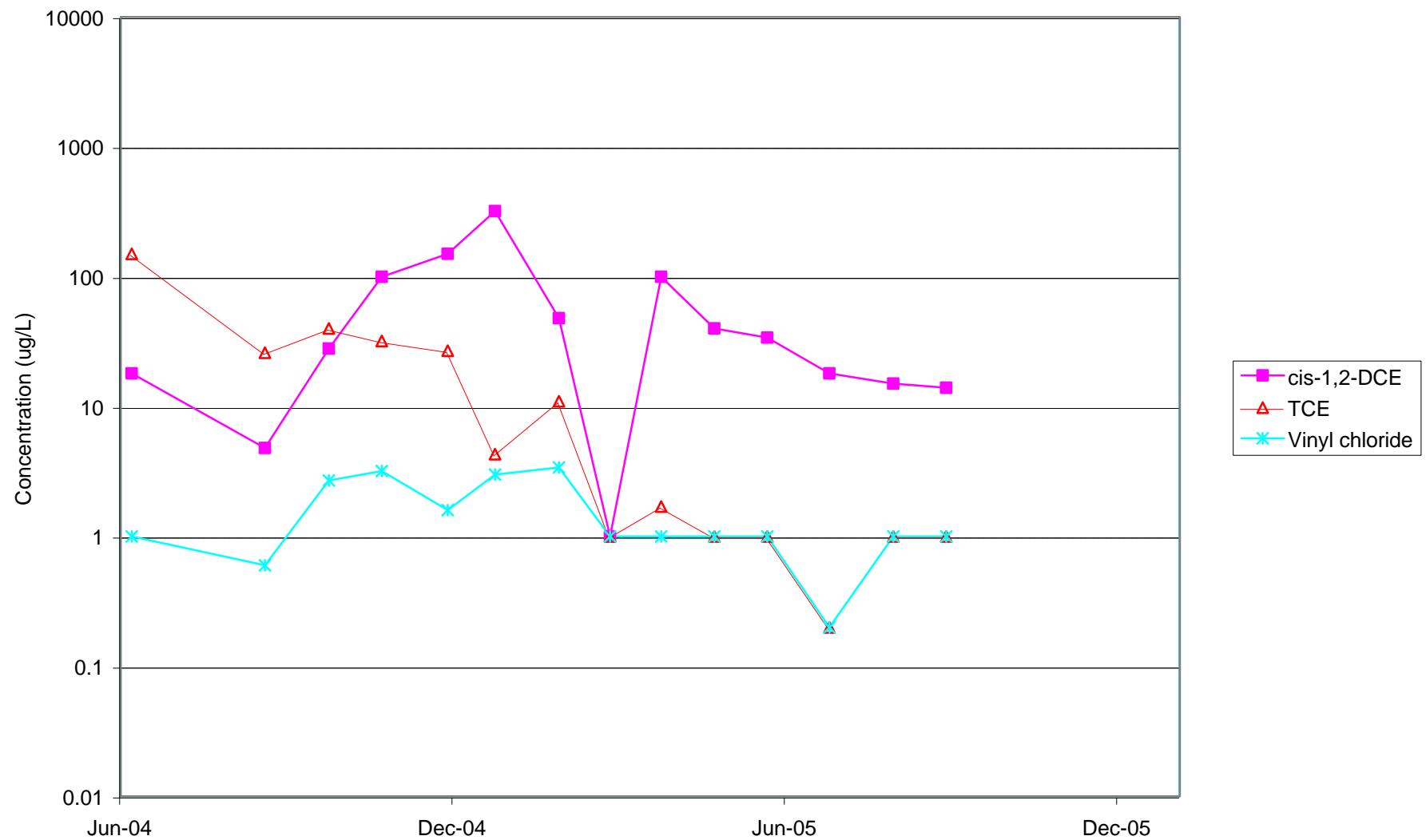
## AGW124



## IW31(S)



## IW5(S)



---

**APPENDIX B**

## **Intermediate Well VOC Results**

## Intermediate Well VOC Results

Location	Sample Date	Analyte	Result (µg/L)	Flag
<b>AGW003(I)</b>				
AGW003(I)	12/15/1994	cis-1,2-Dichloroethene	1.9	
AGW003(I)	12/12/1995	cis-1,2-Dichloroethene	1 U	
AGW003(I)	03/21/1996	cis-1,2-Dichloroethene	1 U	
AGW003(I)	06/21/1996	cis-1,2-Dichloroethene	1 U	
AGW003(I)	10/03/1996	cis-1,2-Dichloroethene	1 U	
AGW003(I)	12/17/1996	cis-1,2-Dichloroethene	1 U	
AGW003(I)	03/18/1997	cis-1,2-Dichloroethene	1 U	
AGW003(I)	09/11/1997	cis-1,2-Dichloroethene	0.2 U	
AGW003(I)	03/25/1998	cis-1,2-Dichloroethene	0.2 U	
AGW003(I)	09/04/1998	cis-1,2-Dichloroethene	2.2	
AGW003(I)	02/18/1999	cis-1,2-Dichloroethene	0.2 U	
AGW003(I)	08/31/1999	cis-1,2-Dichloroethene	1 U	
AGW003(I)	03/15/2000	cis-1,2-Dichloroethene	1 U	
AGW003(I)	11/09/2000	cis-1,2-Dichloroethene	0.2 U	
AGW003(I)	05/22/2001	cis-1,2-Dichloroethene	0.2 U	
AGW003(I)	11/06/2001	cis-1,2-Dichloroethene	0.2 U	
AGW003(I)	05/21/2002	cis-1,2-Dichloroethene	0.2 U	
AGW003(I)	11/23/2002	cis-1,2-Dichloroethene	0.6 U	
AGW003(I)	05/23/2003	cis-1,2-Dichloroethene	0.6 U	
AGW003(I)	12/19/2003	cis-1,2-Dichloroethene	0.2 U	
AGW003(I)	06/14/2004	cis-1,2-Dichloroethene	0.2 U	
AGW003(I)	06/16/2004	cis-1,2-Dichloroethene	0.2 U	
AGW003(I)	08/30/2004	cis-1,2-Dichloroethene	0.6 U	
AGW003(I)	10/04/2004	cis-1,2-Dichloroethene	1.1	
AGW003(I)	11/01/2004	cis-1,2-Dichloroethene	1.6	
AGW003(I)	12/08/2004	cis-1,2-Dichloroethene	2.0	
AGW003(I)	12/09/2004	cis-1,2-Dichloroethene	2.6	
AGW003(I)	01/03/2005	cis-1,2-Dichloroethene	1.8	
AGW003(I)	02/07/2005	cis-1,2-Dichloroethene	2.0	
AGW003(I)	03/07/2005	cis-1,2-Dichloroethene	2.6	
AGW003(I)	04/04/2005	cis-1,2-Dichloroethene	2.3	
AGW003(I)	05/02/2005	cis-1,2-Dichloroethene	2.1	
AGW003(I)	06/01/2005	cis-1,2-Dichloroethene	2.0	
AGW003(I)	07/05/2005	cis-1,2-Dichloroethene	1.4	
AGW003(I)	08/09/2005	cis-1,2-Dichloroethene	1.0	
AGW003(I)	09/07/2005	cis-1,2-Dichloroethene	1.0	
AGW003(I)	07/05/1994	Trichloroethene	4.41	
AGW003(I)	07/27/1994	Trichloroethene	3.07	
AGW003(I)	12/15/1994	Trichloroethene	1.2	
AGW003(I)	03/30/1995	Trichloroethene	3.4	
AGW003(I)	12/12/1995	Trichloroethene	4.3	
AGW003(I)	03/21/1996	Trichloroethene	3.6	
AGW003(I)	06/21/1996	Trichloroethene	3.6	
AGW003(I)	10/03/1996	Trichloroethene	3.3	
AGW003(I)	12/17/1996	Trichloroethene	3	
AGW003(I)	03/18/1997	Trichloroethene	2.9	
AGW003(I)	09/11/1997	Trichloroethene	2.4	
AGW003(I)	03/25/1998	Trichloroethene	2.5	
AGW003(I)	09/04/1998	Trichloroethene	14	
AGW003(I)	02/18/1999	Trichloroethene	2.7	
AGW003(I)	08/31/1999	Trichloroethene	2	
AGW003(I)	03/15/2000	Trichloroethene	2.3	
AGW003(I)	11/09/2000	Trichloroethene	2.2	
AGW003(I)	05/22/2001	Trichloroethene	2.5	

## Intermediate Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW003(l)	11/06/2001	Trichloroethene	2.8	
AGW003(l)	05/21/2002	Trichloroethene	2.1	
AGW003(l)	11/23/2002	Trichloroethene	1.8	
AGW003(l)	05/23/2003	Trichloroethene	1.9	
AGW003(l)	12/19/2003	Trichloroethene	1.9	
AGW003(l)	06/14/2004	Trichloroethene	1.6	
AGW003(l)	06/16/2004	Trichloroethene	1.6	
AGW003(l)	08/30/2004	Trichloroethene	2.1	
AGW003(l)	10/04/2004	Trichloroethene	1.6	
AGW003(l)	11/01/2004	Trichloroethene	1.0 U	
AGW003(l)	12/08/2004	Trichloroethene	1.0 U	
AGW003(l)	12/09/2004	Trichloroethene	0.6 U	
AGW003(l)	01/03/2005	Trichloroethene	1.0 U	
AGW003(l)	02/07/2005	Trichloroethene	1.0 U	
AGW003(l)	03/07/2005	Trichloroethene	0.5	
AGW003(l)	04/04/2005	Trichloroethene	0.6	
AGW003(l)	05/02/2005	Trichloroethene	0.7	
AGW003(l)	06/01/2005	Trichloroethene	0.9	
AGW003(l)	07/05/2005	Trichloroethene	0.9	
AGW003(l)	08/09/2005	Trichloroethene	1.0	
AGW003(l)	09/07/2005	Trichloroethene	1.0	
AGW003(l)	12/12/1995	Vinyl Chloride	2 U	
AGW003(l)	03/21/1996	Vinyl Chloride	2 U	
AGW003(l)	06/21/1996	Vinyl Chloride	2 U	
AGW003(l)	10/03/1996	Vinyl Chloride	2 U	
AGW003(l)	12/17/1996	Vinyl Chloride	2 U	
AGW003(l)	03/18/1997	Vinyl Chloride	2 U	
AGW003(l)	09/11/1997	Vinyl Chloride	0.2 U	
AGW003(l)	03/25/1998	Vinyl Chloride	0.2 U	
AGW003(l)	09/04/1998	Vinyl Chloride	2 U	
AGW003(l)	02/18/1999	Vinyl Chloride	0.2 U	
AGW003(l)	08/31/1999	Vinyl Chloride	1 U	
AGW003(l)	03/15/2000	Vinyl Chloride	1 U	
AGW003(l)	11/09/2000	Vinyl Chloride	0.2 U	
AGW003(l)	05/22/2001	Vinyl Chloride	0.2 U	
AGW003(l)	11/06/2001	Vinyl Chloride	0.2 U	
AGW003(l)	05/21/2002	Vinyl Chloride	0.2 U	
AGW003(l)	11/23/2002	Vinyl Chloride	0.6 U	
AGW003(l)	05/23/2003	Vinyl Chloride	0.6 U	
AGW003(l)	12/19/2003	Vinyl Chloride	0.2 U	
AGW003(l)	06/14/2004	Vinyl Chloride	0.02 U	
AGW003(l)	06/16/2004	Vinyl Chloride	0.02 U	
AGW003(l)	08/30/2004	Vinyl Chloride	0.6 U	
AGW003(l)	10/04/2004	Vinyl Chloride	1.0 U	
AGW003(l)	11/01/2004	Vinyl Chloride	1.0 U	
AGW003(l)	12/08/2004	Vinyl Chloride	1.0 U	
AGW003(l)	12/09/2004	Vinyl Chloride	0.086	
AGW003(l)	01/03/2005	Vinyl Chloride	1.0 U	
AGW003(l)	02/07/2005	Vinyl Chloride	1.0 U	
AGW003(l)	03/07/2005	Vinyl Chloride	0.2 U	
AGW003(l)	04/04/2005	Vinyl Chloride	0.4 U	
AGW003(l)	05/02/2005	Vinyl Chloride	0.2 U	
AGW003(l)	06/01/2005	Vinyl Chloride	0.6 U	
AGW003(l)	07/05/2005	Vinyl Chloride	0.2 U	
AGW003(l)	08/09/2005	Vinyl Chloride	0.6 U	

## Intermediate Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW003(I)	09/07/2005	Vinyl Chloride	0.6	U
<b>AGW054(I)</b>				
AGW054(I)	10/30/1996	cis-1,2-Dichloroethene	1	U
AGW054(I)	12/18/1996	cis-1,2-Dichloroethene	1	U
AGW054(I)	03/14/1997	cis-1,2-Dichloroethene	1	U
AGW054(I)	12/21/2003	cis-1,2-Dichloroethene	0.2	U
AGW054(I)	10/30/1996	Trichloroethene	2.3	
AGW054(I)	12/18/1996	Trichloroethene	1.4	
AGW054(I)	03/14/1997	Trichloroethene	1	U
AGW054(I)	12/21/2003	Trichloroethene	1	
AGW054(I)	10/30/1996	Vinyl Chloride	2	U
AGW054(I)	12/18/1996	Vinyl Chloride	2	U
AGW054(I)	03/14/1997	Vinyl Chloride	2	U
AGW054(I)	12/21/2003	Vinyl Chloride	0.2	U
<b>AGW055(I)</b>				
AGW055(I)	10/30/1996	cis-1,2-Dichloroethene	5.9	
AGW055(I)	12/18/1996	cis-1,2-Dichloroethene	11	
AGW055(I)	03/13/1997	cis-1,2-Dichloroethene	11	
AGW055(I)	12/21/2003	cis-1,2-Dichloroethene	0.8	
AGW055(I)	08/11/2005	cis-1,2-Dichloroethene	4.8	
AGW055(I)	10/30/1996	Trichloroethene	8.4	
AGW055(I)	12/18/1996	Trichloroethene	11	
AGW055(I)	03/13/1997	Trichloroethene	13	
AGW055(I)	12/21/2003	Trichloroethene	4	
AGW055(I)	08/11/2005	Trichloroethene	4.1	
AGW055(I)	10/30/1996	Vinyl Chloride	2	U
AGW055(I)	12/18/1996	Vinyl Chloride	2	U
AGW055(I)	03/13/1997	Vinyl Chloride	2	U
AGW055(I)	12/21/2003	Vinyl Chloride	0.2	U
AGW055(I)	08/11/2005	Vinyl Chloride	0.3	
<b>AGW056(I)</b>				
AGW056(I)	10/30/1996	cis-1,2-Dichloroethene	1	U
AGW056(I)	12/18/1996	cis-1,2-Dichloroethene	1	U
AGW056(I)	03/14/1997	cis-1,2-Dichloroethene	1	U
AGW056(I)	12/22/2003	cis-1,2-Dichloroethene	0.2	U
AGW056(I)	08/11/2005	cis-1,2-Dichloroethene	0.2	U
AGW056(I)	10/30/1996	Trichloroethene	3.6	
AGW056(I)	12/18/1996	Trichloroethene	3	
AGW056(I)	03/14/1997	Trichloroethene	2.5	
AGW056(I)	12/22/2003	Trichloroethene	1.8	
AGW056(I)	08/11/2005	Trichloroethene	1.8	
AGW056(I)	10/30/1996	Vinyl Chloride	2	U
AGW056(I)	12/18/1996	Vinyl Chloride	2	U
AGW056(I)	03/14/1997	Vinyl Chloride	2	U
AGW056(I)	12/22/2003	Vinyl Chloride	0.2	U
AGW056(I)	08/11/2005	Vinyl Chloride	0.2	U
<b>AGW057(I)</b>				
AGW057(I)	10/30/1996	cis-1,2-Dichloroethene	1	U
AGW057(I)	12/17/1996	cis-1,2-Dichloroethene	1	U
AGW057(I)	03/14/1997	cis-1,2-Dichloroethene	1	U

## Intermediate Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW057(l)	09/11/1997	cis-1,2-Dichloroethene	0.3	
AGW057(l)	03/23/1998	cis-1,2-Dichloroethene	0.5	
AGW057(l)	09/01/1998	cis-1,2-Dichloroethene	0.6	
AGW057(l)	02/22/1999	cis-1,2-Dichloroethene	0.8	
AGW057(l)	08/26/1999	cis-1,2-Dichloroethene	1 U	
AGW057(l)	03/09/2000	cis-1,2-Dichloroethene	1 U	
AGW057(l)	11/07/2000	cis-1,2-Dichloroethene	0.4	
AGW057(l)	05/15/2001	cis-1,2-Dichloroethene	0.4	
AGW057(l)	11/06/2001	cis-1,2-Dichloroethene	0.5	
AGW057(l)	05/21/2002	cis-1,2-Dichloroethene	0.4	
AGW057(l)	11/23/2002	cis-1,2-Dichloroethene	0.3	
AGW057(l)	05/22/2003	cis-1,2-Dichloroethene	0.3	
AGW057(l)	12/18/2003	cis-1,2-Dichloroethene	0.2 U	
AGW057(l)	06/14/2004	cis-1,2-Dichloroethene	0.2	
AGW057(l)	12/09/2004	cis-1,2-Dichloroethene	0.2	
AGW057(l)	08/11/2005	cis-1,2-Dichloroethene	0.2	
AGW057(l)	10/30/1996	Trichloroethene	9.6	
AGW057(l)	12/17/1996	Trichloroethene	9.7	
AGW057(l)	03/14/1997	Trichloroethene	9	
AGW057(l)	09/11/1997	Trichloroethene	7.7	
AGW057(l)	03/23/1998	Trichloroethene	8.7	
AGW057(l)	09/01/1998	Trichloroethene	9.9	
AGW057(l)	02/22/1999	Trichloroethene	9.1	
AGW057(l)	08/26/1999	Trichloroethene	7.3	
AGW057(l)	03/09/2000	Trichloroethene	7.5	
AGW057(l)	11/07/2000	Trichloroethene	7	
AGW057(l)	05/15/2001	Trichloroethene	7.2	
AGW057(l)	11/06/2001	Trichloroethene	6.5	
AGW057(l)	05/21/2002	Trichloroethene	6.6	
AGW057(l)	11/23/2002	Trichloroethene	5.7	
AGW057(l)	05/22/2003	Trichloroethene	7.4	
AGW057(l)	12/18/2003	Trichloroethene	5.9	
AGW057(l)	06/14/2004	Trichloroethene	6	
AGW057(l)	12/09/2004	Trichloroethene	5.3	
AGW057(l)	08/11/2005	Trichloroethene	5.2	
AGW057(l)	10/30/1996	Vinyl Chloride	2 U	
AGW057(l)	12/17/1996	Vinyl Chloride	2 U	
AGW057(l)	03/14/1997	Vinyl Chloride	2 U	
AGW057(l)	09/11/1997	Vinyl Chloride	0.2 U	
AGW057(l)	03/23/1998	Vinyl Chloride	0.2 U	
AGW057(l)	09/01/1998	Vinyl Chloride	0.2 U	
AGW057(l)	02/22/1999	Vinyl Chloride	0.2 U	
AGW057(l)	08/26/1999	Vinyl Chloride	1 U	
AGW057(l)	03/09/2000	Vinyl Chloride	1 U	
AGW057(l)	11/07/2000	Vinyl Chloride	0.2 U	
AGW057(l)	05/15/2001	Vinyl Chloride	0.2 U	
AGW057(l)	11/06/2001	Vinyl Chloride	0.2 U	
AGW057(l)	05/21/2002	Vinyl Chloride	0.2 U	
AGW057(l)	11/23/2002	Vinyl Chloride	0.2 U	
AGW057(l)	05/22/2003	Vinyl Chloride	0.2 U	
AGW057(l)	12/18/2003	Vinyl Chloride	0.2 U	
AGW057(l)	06/14/2004	Vinyl Chloride	0.02 U	
AGW057(l)	12/09/2004	Vinyl Chloride	0.02 U	
AGW057(l)	08/11/2005	Vinyl Chloride	0.2 U	

## Intermediate Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
<b>AGW060(I)</b>				
AGW060(I)	10/30/1996	cis-1,2-Dichloroethene	1	U
AGW060(I)	12/16/1996	cis-1,2-Dichloroethene	1	U
AGW060(I)	03/14/1997	cis-1,2-Dichloroethene	1	U
AGW060(I)	12/16/2003	cis-1,2-Dichloroethene	0.2	U
AGW060(I)	10/30/1996	Trichloroethene	4.2	
AGW060(I)	12/16/1996	Trichloroethene	3.5	
AGW060(I)	03/14/1997	Trichloroethene	3.3	
AGW060(I)	12/16/2003	Trichloroethene	1.8	
AGW060(I)	10/30/1996	Vinyl Chloride	2	U
AGW060(I)	12/16/1996	Vinyl Chloride	2	U
AGW060(I)	03/14/1997	Vinyl Chloride	2	U
AGW060(I)	12/16/2003	Vinyl Chloride	0.2	U
<b>AGW061(I)</b>				
AGW061(I)	10/30/1996	cis-1,2-Dichloroethene	1	U
AGW061(I)	12/17/1996	cis-1,2-Dichloroethene	1	U
AGW061(I)	03/14/1997	cis-1,2-Dichloroethene	1	U
AGW061(I)	12/16/2003	cis-1,2-Dichloroethene	0.2	U
AGW061(I)	10/30/1996	Trichloroethene	1	U
AGW061(I)	12/17/1996	Trichloroethene	1	U
AGW061(I)	03/14/1997	Trichloroethene	1	U
AGW061(I)	12/16/2003	Trichloroethene	0.5	
AGW061(I)	10/30/1996	Vinyl Chloride	2	U
AGW061(I)	12/17/1996	Vinyl Chloride	2	U
AGW061(I)	03/14/1997	Vinyl Chloride	2	U
AGW061(I)	12/16/2003	Vinyl Chloride	0.2	U
<b>AGW072(I)</b>				
AGW072(I)	11/06/2000	cis-1,2-Dichloroethene	0.6	
AGW072(I)	05/18/2001	cis-1,2-Dichloroethene	0.5	
AGW072(I)	11/01/2001	cis-1,2-Dichloroethene	0.5	
AGW072(I)	05/17/2002	cis-1,2-Dichloroethene	0.7	
AGW072(I)	11/24/2002	cis-1,2-Dichloroethene	0.4	
AGW072(I)	05/19/2003	cis-1,2-Dichloroethene	0.5	
AGW072(I)	12/17/2003	cis-1,2-Dichloroethene	0.2	U
AGW072(I)	03/02/2004	cis-1,2-Dichloroethene	0.3	
AGW072(I)	06/07/2004	cis-1,2-Dichloroethene	0.3	
AGW072(I)	08/17/2004	cis-1,2-Dichloroethene	0.3	
AGW072(I)	12/03/2004	cis-1,2-Dichloroethene	0.8	
AGW072(I)	11/06/2000	Trichloroethene	4.2	
AGW072(I)	05/18/2001	Trichloroethene	4.4	
AGW072(I)	11/01/2001	Trichloroethene	4.6	
AGW072(I)	05/17/2002	Trichloroethene	4.8	
AGW072(I)	11/24/2002	Trichloroethene	4.5	
AGW072(I)	05/19/2003	Trichloroethene	4.8	
AGW072(I)	12/17/2003	Trichloroethene	2.7	
AGW072(I)	03/02/2004	Trichloroethene	4	
AGW072(I)	06/07/2004	Trichloroethene	4.1	
AGW072(I)	08/17/2004	Trichloroethene	3.9	
AGW072(I)	12/03/2004	Trichloroethene	3.7	
AGW072(I)	11/06/2000	Vinyl Chloride	0.2	U

## Intermediate Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW072(l)	05/18/2001	Vinyl Chloride	0.2	U
AGW072(l)	11/01/2001	Vinyl Chloride	0.2	U
AGW072(l)	05/17/2002	Vinyl Chloride	0.2	U
AGW072(l)	11/24/2002	Vinyl Chloride	0.2	U
AGW072(l)	05/19/2003	Vinyl Chloride	0.2	U
AGW072(l)	12/17/2003	Vinyl Chloride	0.2	U
AGW072(l)	03/02/2004	Vinyl Chloride	0.02	U
AGW072(l)	06/07/2004	Vinyl Chloride	0.02	U
AGW072(l)	08/17/2004	Vinyl Chloride	0.02	U
AGW072(l)	12/03/2004	Vinyl Chloride	0.02	U
<b>AGW095(l)</b>				
AGW095(l)	12/17/2003	cis-1,2-Dichloroethene	0.3	
AGW095(l)	03/01/2004	cis-1,2-Dichloroethene	0.3	
AGW095(l)	06/07/2004	cis-1,2-Dichloroethene	0.3	
AGW095(l)	08/17/2004	cis-1,2-Dichloroethene	0.2	
AGW095(l)	12/02/2004	cis-1,2-Dichloroethene	0.2	U
AGW095(l)	12/17/2003	Trichloroethene	3.1	
AGW095(l)	03/01/2004	Trichloroethene	2.9	
AGW095(l)	06/07/2004	Trichloroethene	2.5	
AGW095(l)	08/17/2004	Trichloroethene	3	
AGW095(l)	12/02/2004	Trichloroethene	2.5	
AGW095(l)	12/17/2003	Vinyl Chloride	0.2	U
AGW095(l)	03/01/2004	Vinyl Chloride	0.02	U
AGW095(l)	06/07/2004	Vinyl Chloride	0.02	U
AGW095(l)	08/17/2004	Vinyl Chloride	0.02	U
AGW095(l)	12/02/2004	Vinyl Chloride	0.02	U
<b>AGW097(l)</b>				
AGW097(l)	12/16/2003	cis-1,2-Dichloroethene	0.2	U
AGW097(l)	06/01/2004	cis-1,2-Dichloroethene	0.2	U
AGW097(l)	12/07/2004	cis-1,2-Dichloroethene	0.2	U
AGW097(l)	12/16/2003	Trichloroethene	0.2	U
AGW097(l)	06/01/2004	Trichloroethene	0.2	U
AGW097(l)	12/07/2004	Trichloroethene	0.2	U
AGW097(l)	12/16/2003	Vinyl Chloride	0.2	U
AGW097(l)	06/01/2004	Vinyl Chloride	0.02	U
AGW097(l)	12/07/2004	Vinyl Chloride	0.02	U
<b>IW31(l)</b>				
IW31(l)	11/03/2004	cis-1,2-Dichloroethene	10	
IW31(l)	11/03/2004	Trichloroethene	0.8	
IW31(l)	11/03/2004	Vinyl Chloride	0.4	
<b>IW5(l)</b>				
IW5(l)	07/12/2004	cis-1,2-Dichloroethene	1.0	
IW5(l)	08/30/2004	cis-1,2-Dichloroethene	3.8	
IW5(l)	10/05/2004	cis-1,2-Dichloroethene	4.5	
IW5(l)	11/02/2004	cis-1,2-Dichloroethene	3.2	
IW5(l)	12/08/2004	cis-1,2-Dichloroethene	2.8	
IW5(l)	01/03/2005	cis-1,2-Dichloroethene	3.6	
IW5(l)	02/07/2005	cis-1,2-Dichloroethene	14	
IW5(l)	03/07/2005	cis-1,2-Dichloroethene	13	
IW5(l)	04/04/2005	cis-1,2-Dichloroethene	15	

## Intermediate Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
IW5(l)	05/03/2005	cis-1,2-Dichloroethene	9.5	
IW5(l)	06/01/2005	cis-1,2-Dichloroethene	12	
IW5(l)	07/05/2005	cis-1,2-Dichloroethene	18	
IW5(l)	08/09/2005	cis-1,2-Dichloroethene	7.4	
IW5(l)	09/07/2005	cis-1,2-Dichloroethene	8.2	
IW5(l)	07/12/2004	Trichloroethene	7.9	
IW5(l)	08/30/2004	Trichloroethene	10	
IW5(l)	10/05/2004	Trichloroethene	16	
IW5(l)	11/02/2004	Trichloroethene	17	
IW5(l)	12/08/2004	Trichloroethene	18	
IW5(l)	01/03/2005	Trichloroethene	11	
IW5(l)	02/07/2005	Trichloroethene	10 U	
IW5(l)	03/07/2005	Trichloroethene	4.6	
IW5(l)	04/04/2005	Trichloroethene	3.9	
IW5(l)	05/03/2005	Trichloroethene	2.7	
IW5(l)	06/01/2005	Trichloroethene	3.1	
IW5(l)	07/05/2005	Trichloroethene	1.0 U	
IW5(l)	08/09/2005	Trichloroethene	2.2	
IW5(l)	09/07/2005	Trichloroethene	1.2	
IW5(l)	07/12/2004	Vinyl Chloride	0.2 U	
IW5(l)	08/30/2004	Vinyl Chloride	0.6 U	
IW5(l)	10/05/2004	Vinyl Chloride	1.0 U	
IW5(l)	11/02/2004	Vinyl Chloride	1.0 U	
IW5(l)	12/08/2004	Vinyl Chloride	1.0 U	
IW5(l)	01/03/2005	Vinyl Chloride	0.2 U	
IW5(l)	02/07/2005	Vinyl Chloride	10 U	
IW5(l)	03/07/2005	Vinyl Chloride	0.7	
IW5(l)	04/04/2005	Vinyl Chloride	1.0 U	
IW5(l)	05/03/2005	Vinyl Chloride	1.0 U	
IW5(l)	06/01/2005	Vinyl Chloride	1.0 U	
IW5(l)	07/05/2005	Vinyl Chloride	1.0 U	
IW5(l)	08/09/2005	Vinyl Chloride	1.0 U	
IW5(l)	09/07/2005	Vinyl Chloride	1.0 U	

Notes:

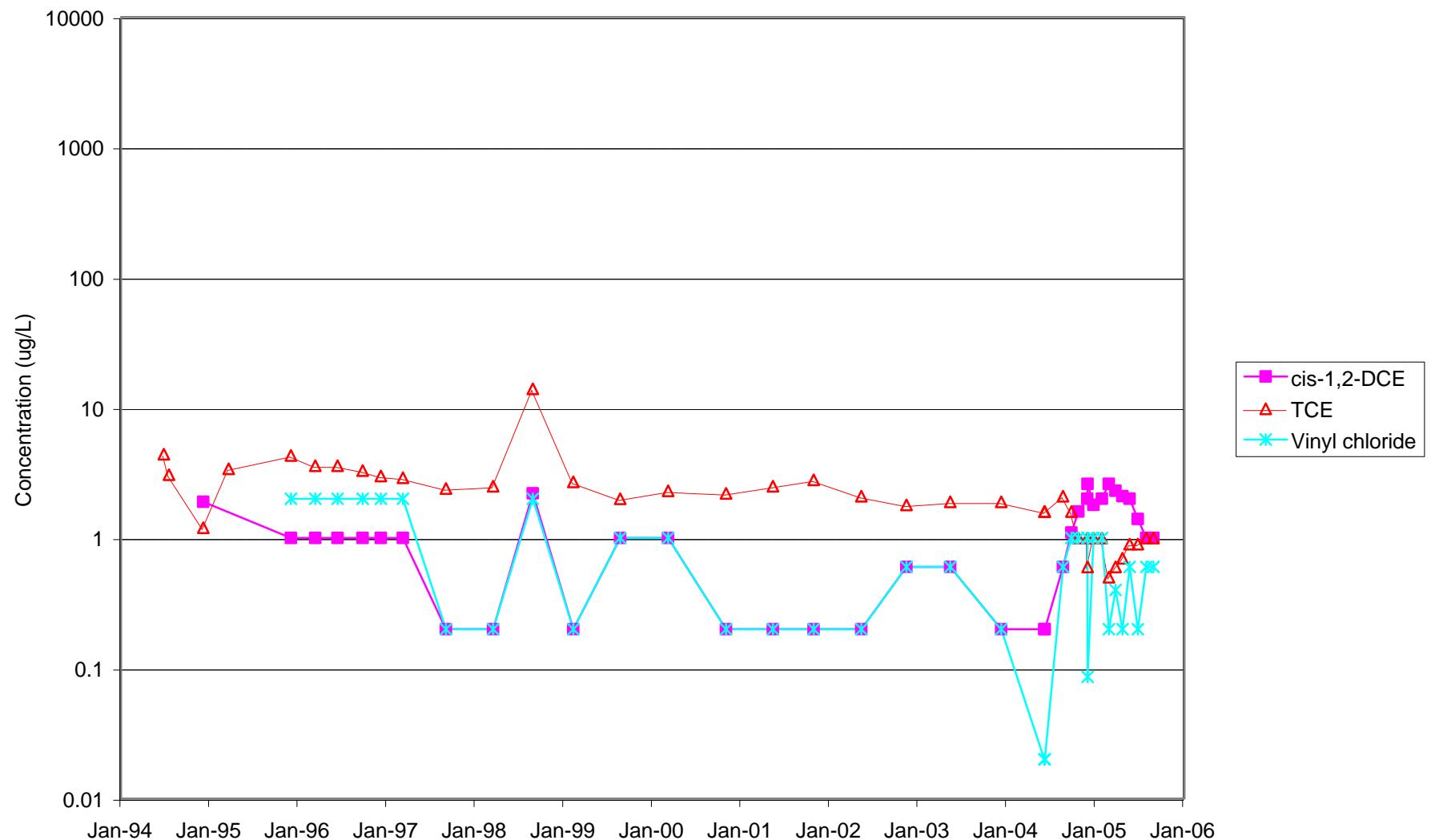
All units are µg/L

U = Not Detected at the Reporting Limit

When vinyl chloride is reported by both VOC and VOCs: if both are detected, the higher of the detects is used; if both are not detected, lower RL is used; if one is detected and the other is not, then the detect is used.

Values for not detected plotted at reporting limit

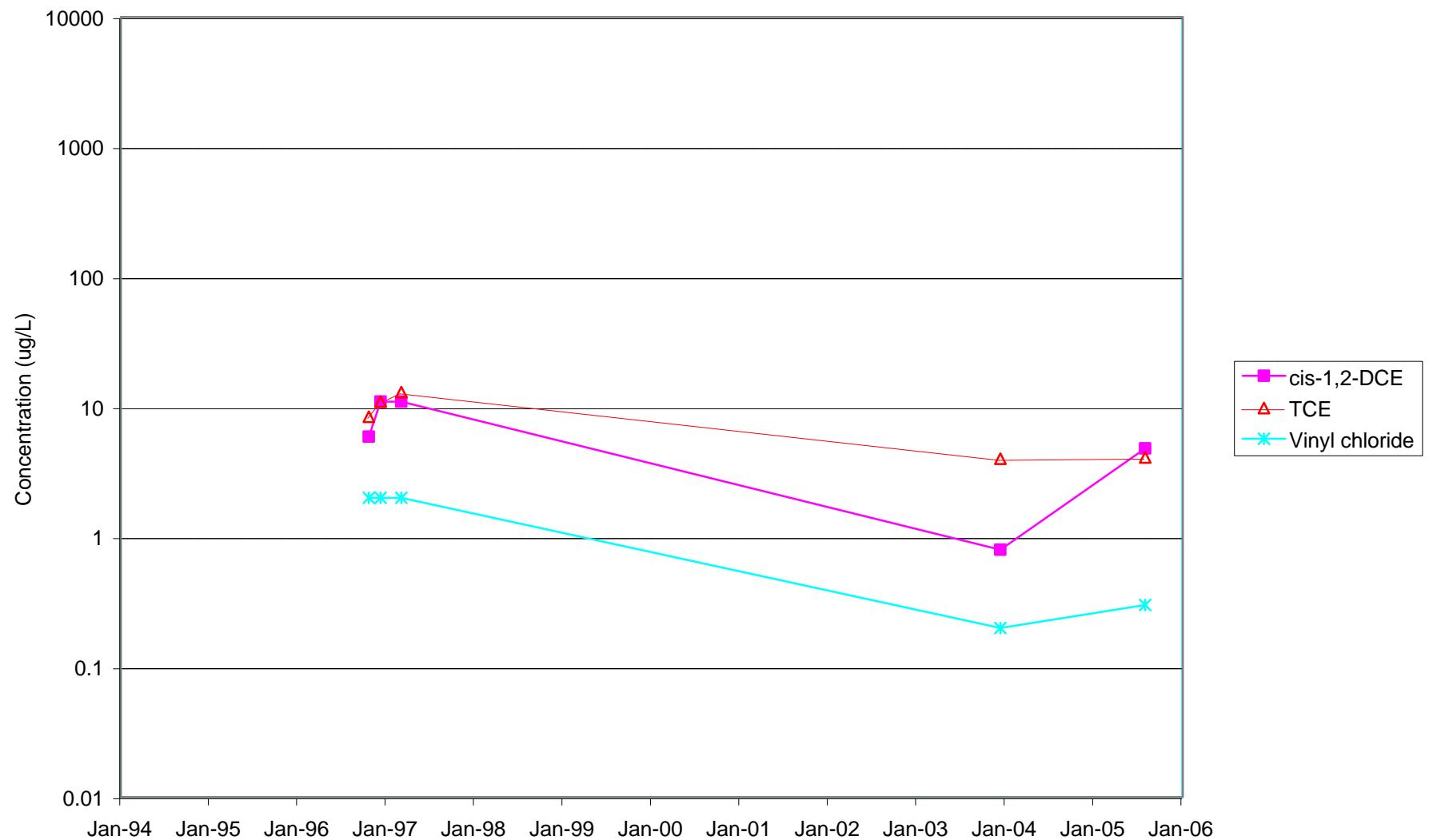
## AGW003



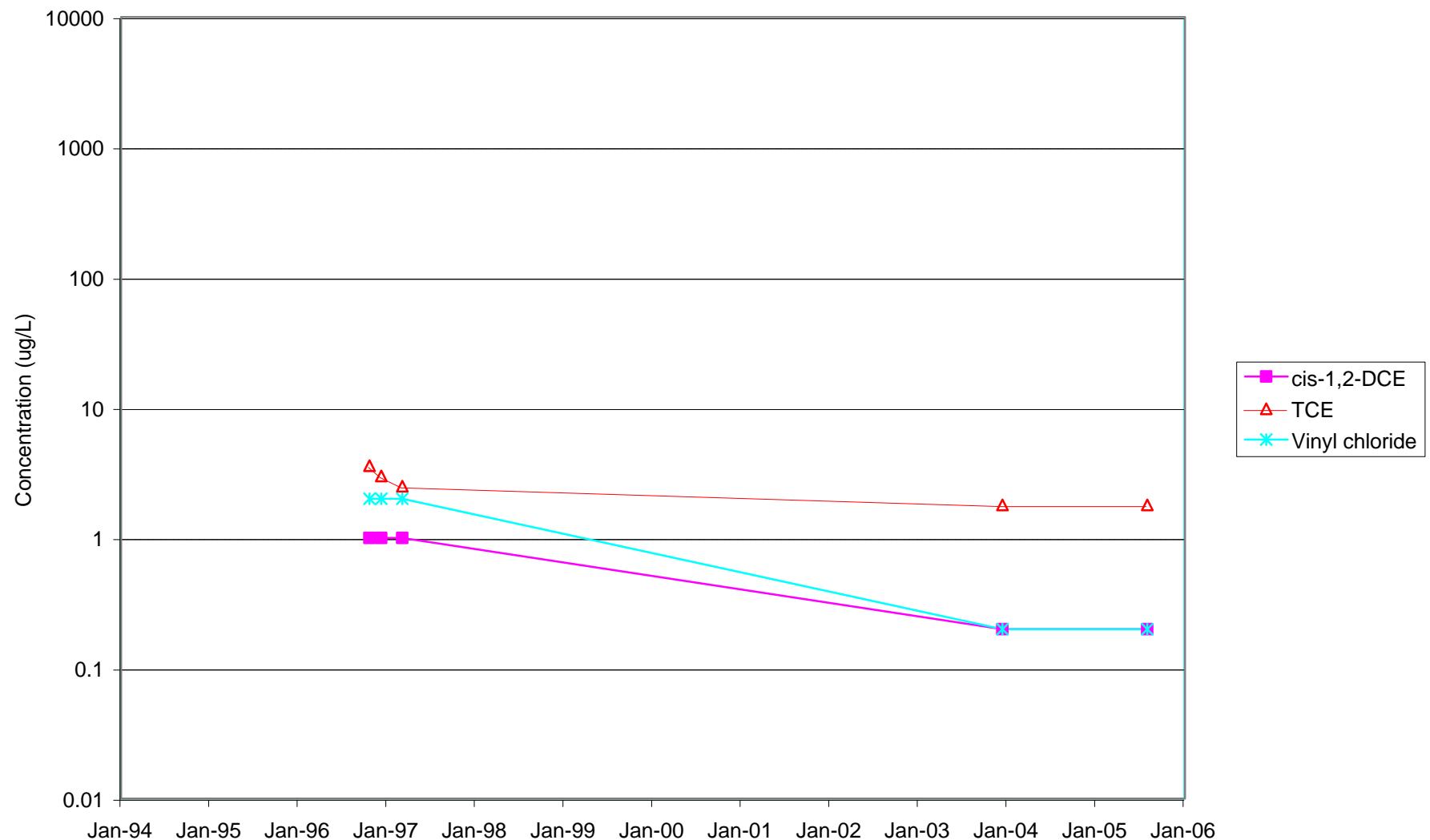
## AGW054



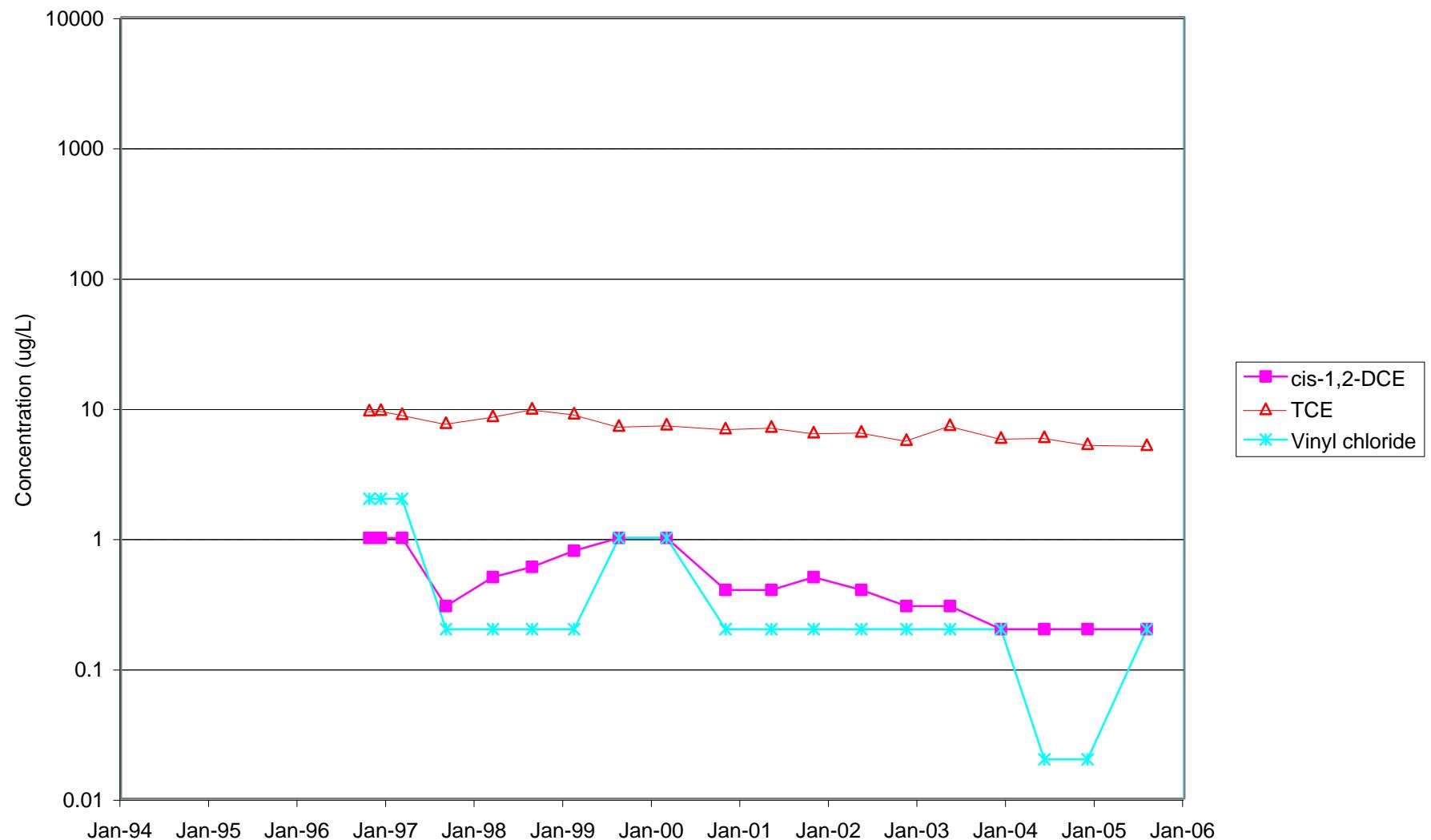
## AGW055



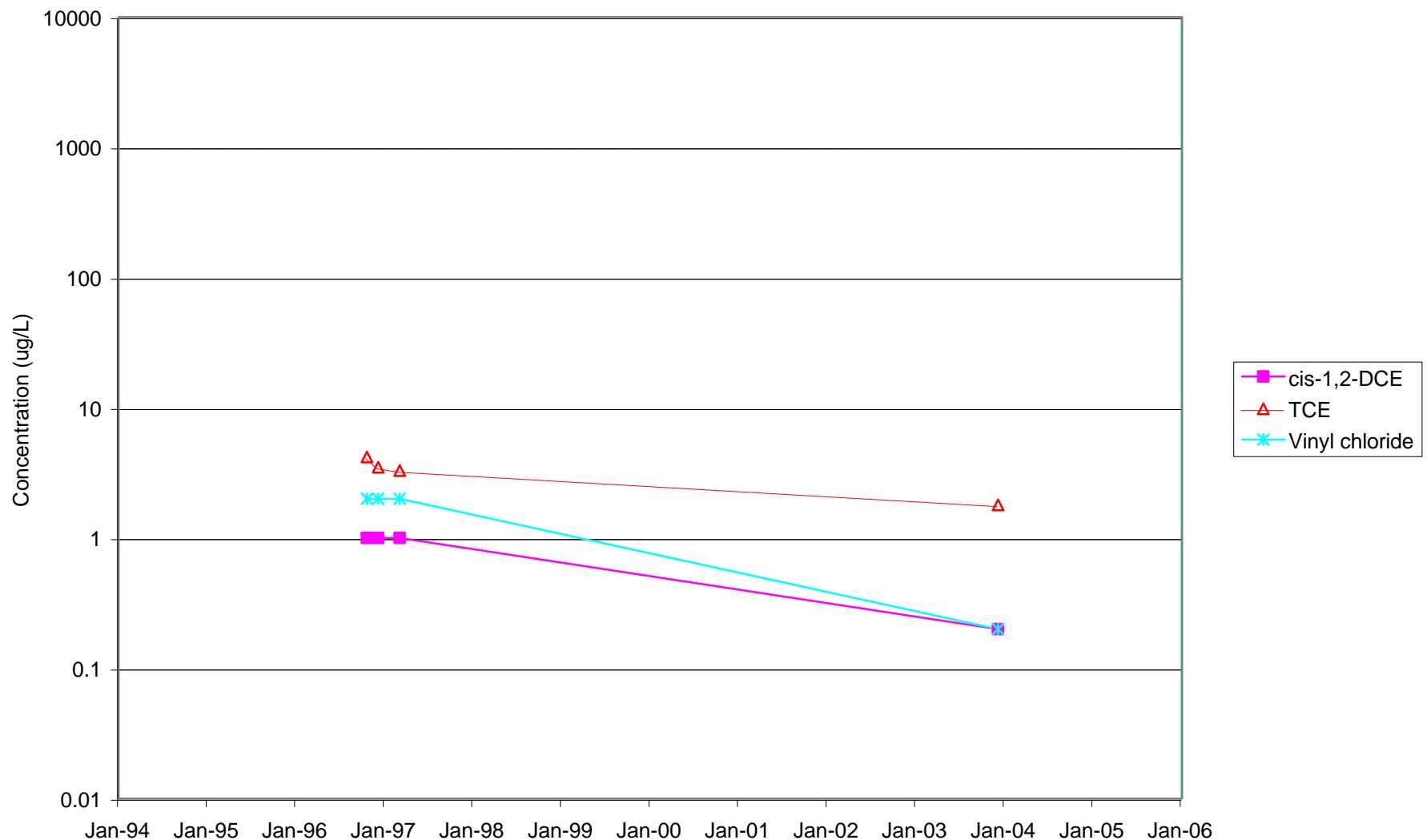
## AGW056



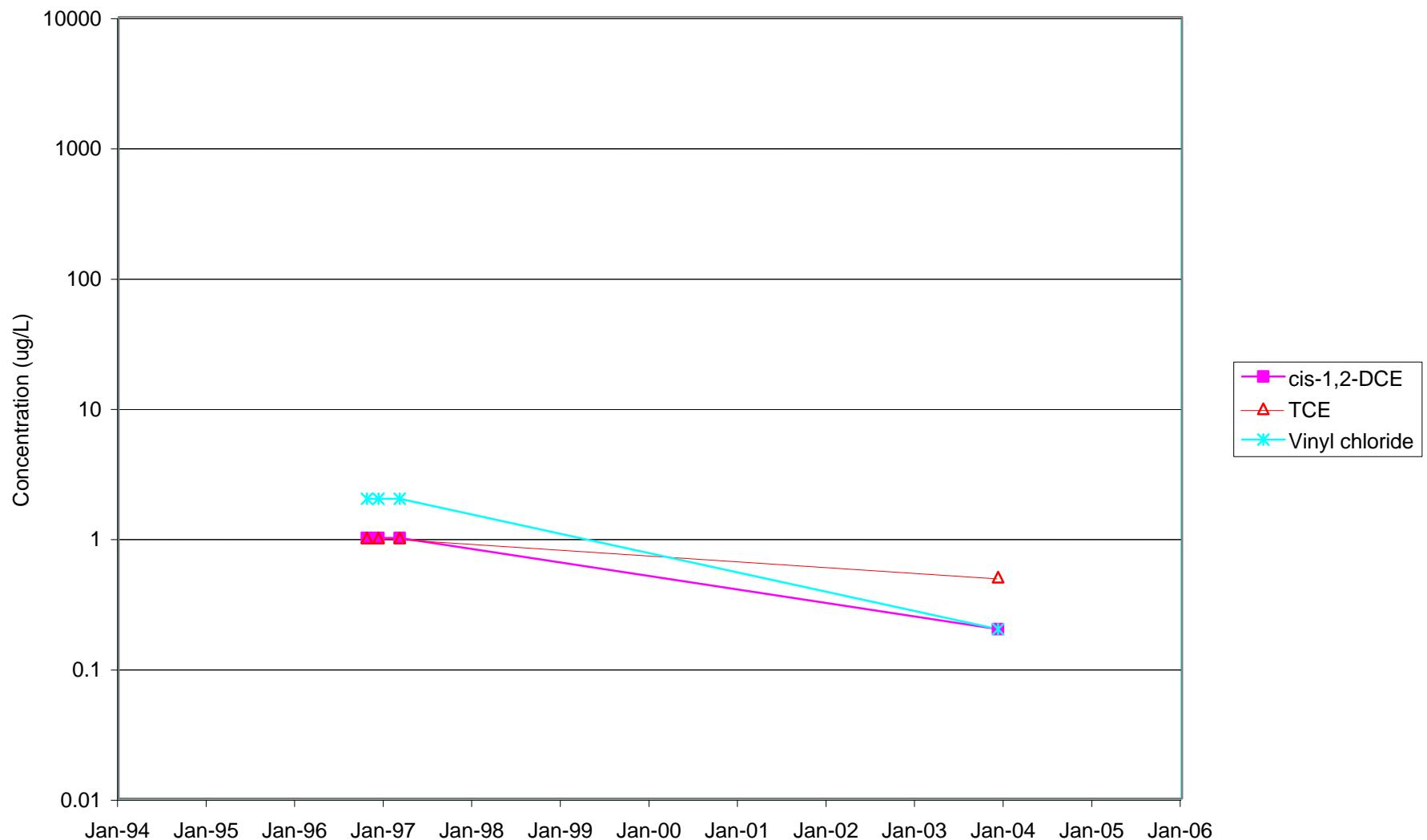
## AGW057



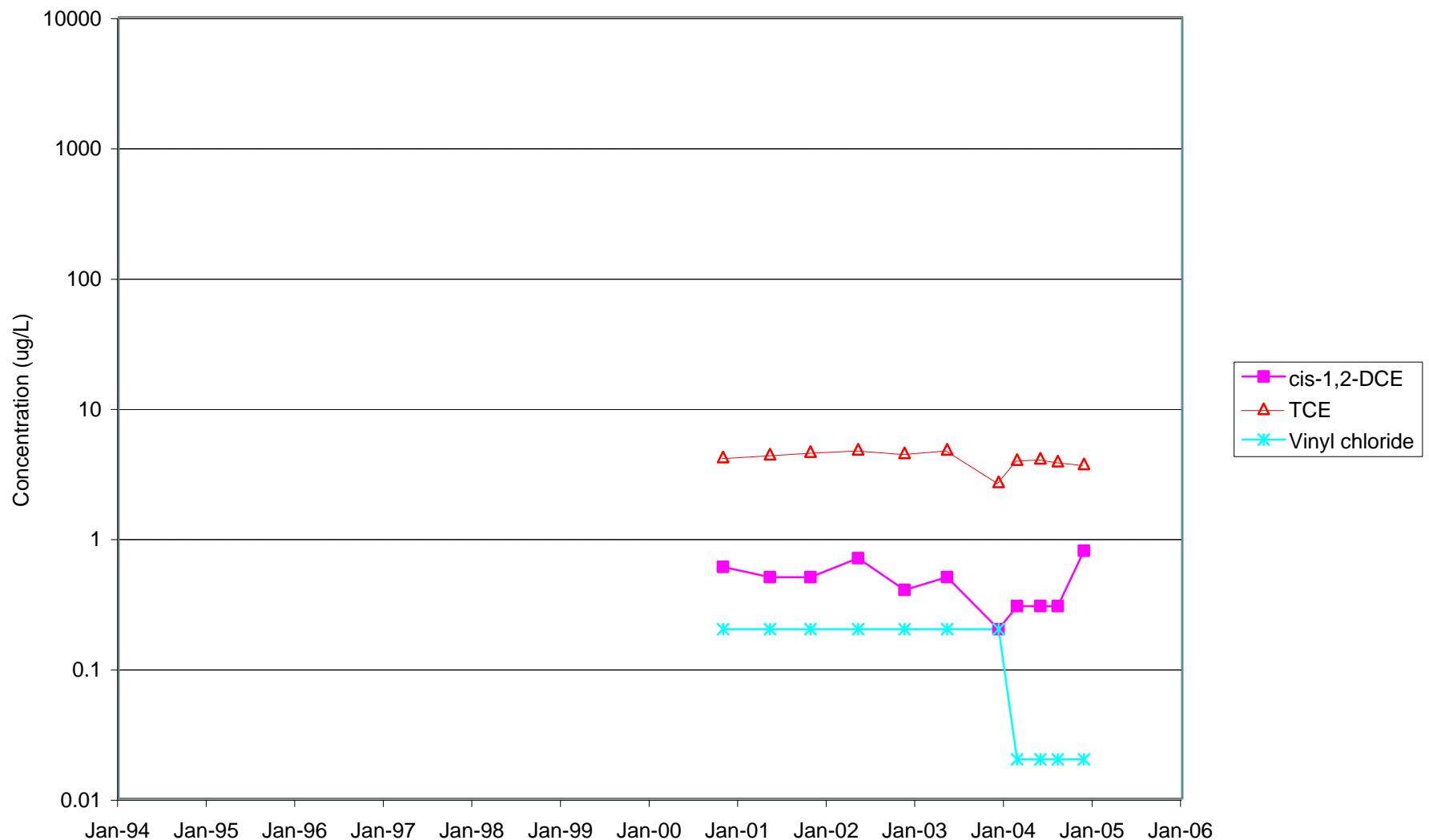
## AGW060



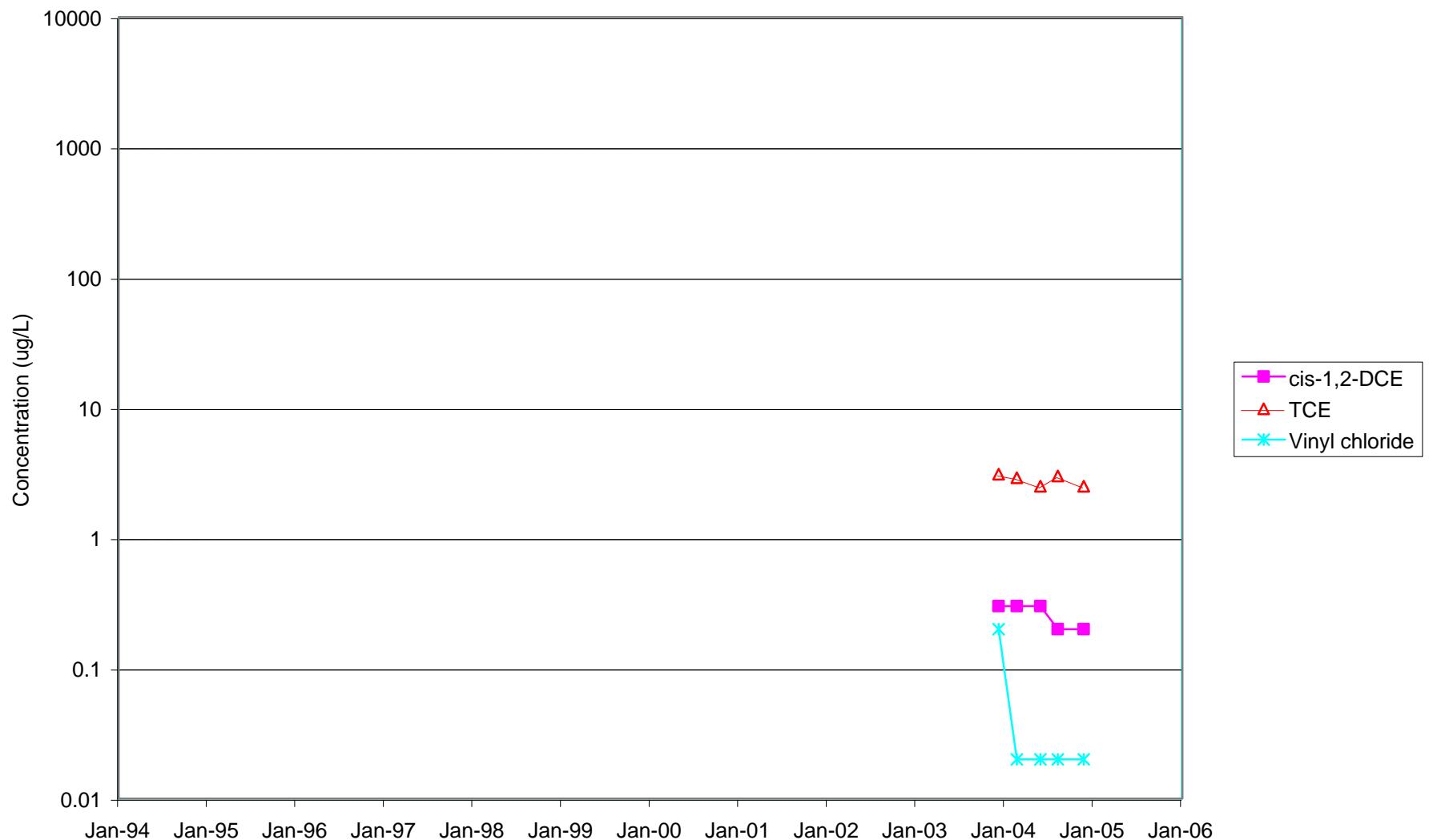
# AGW061



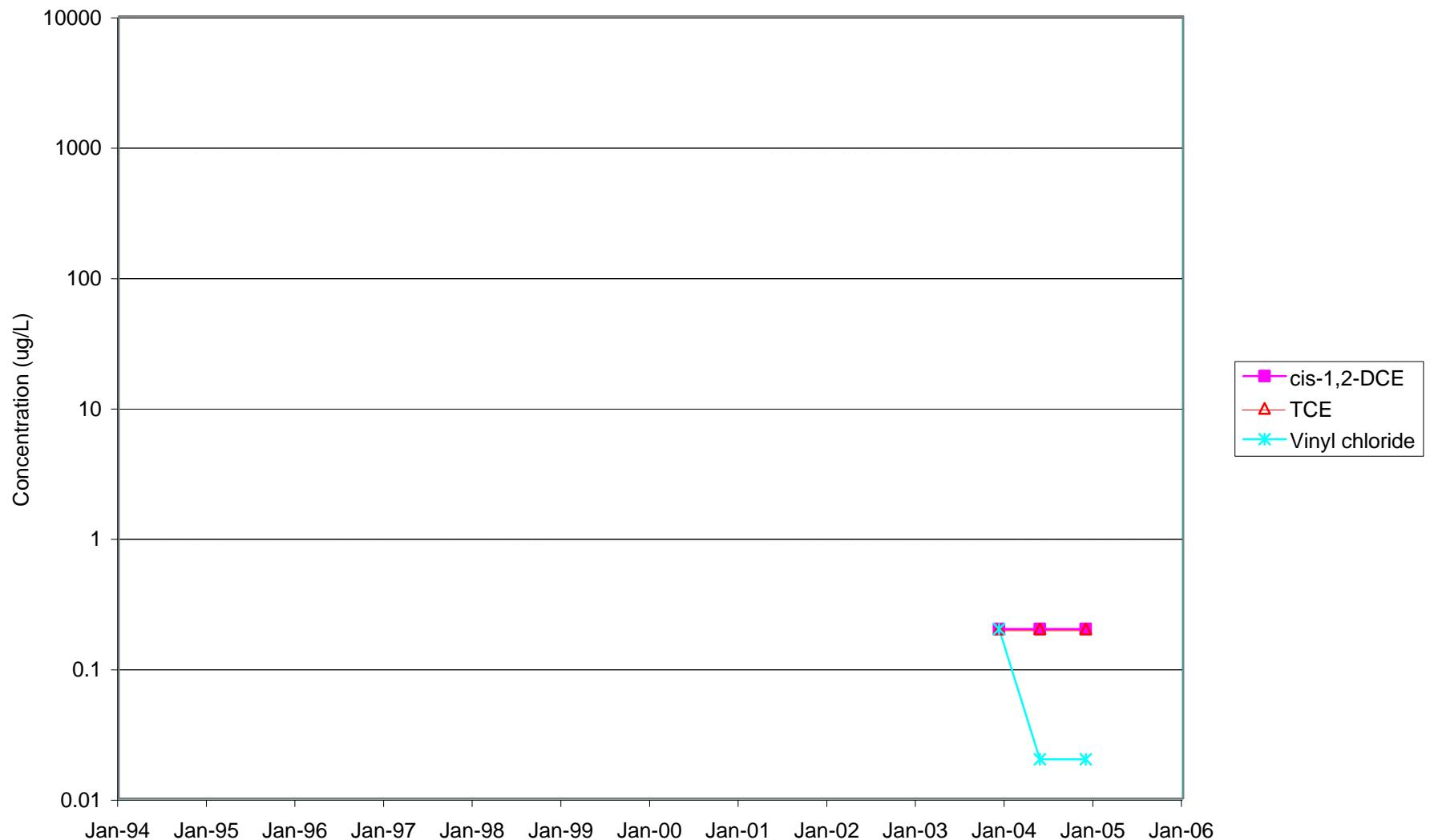
## AGW072



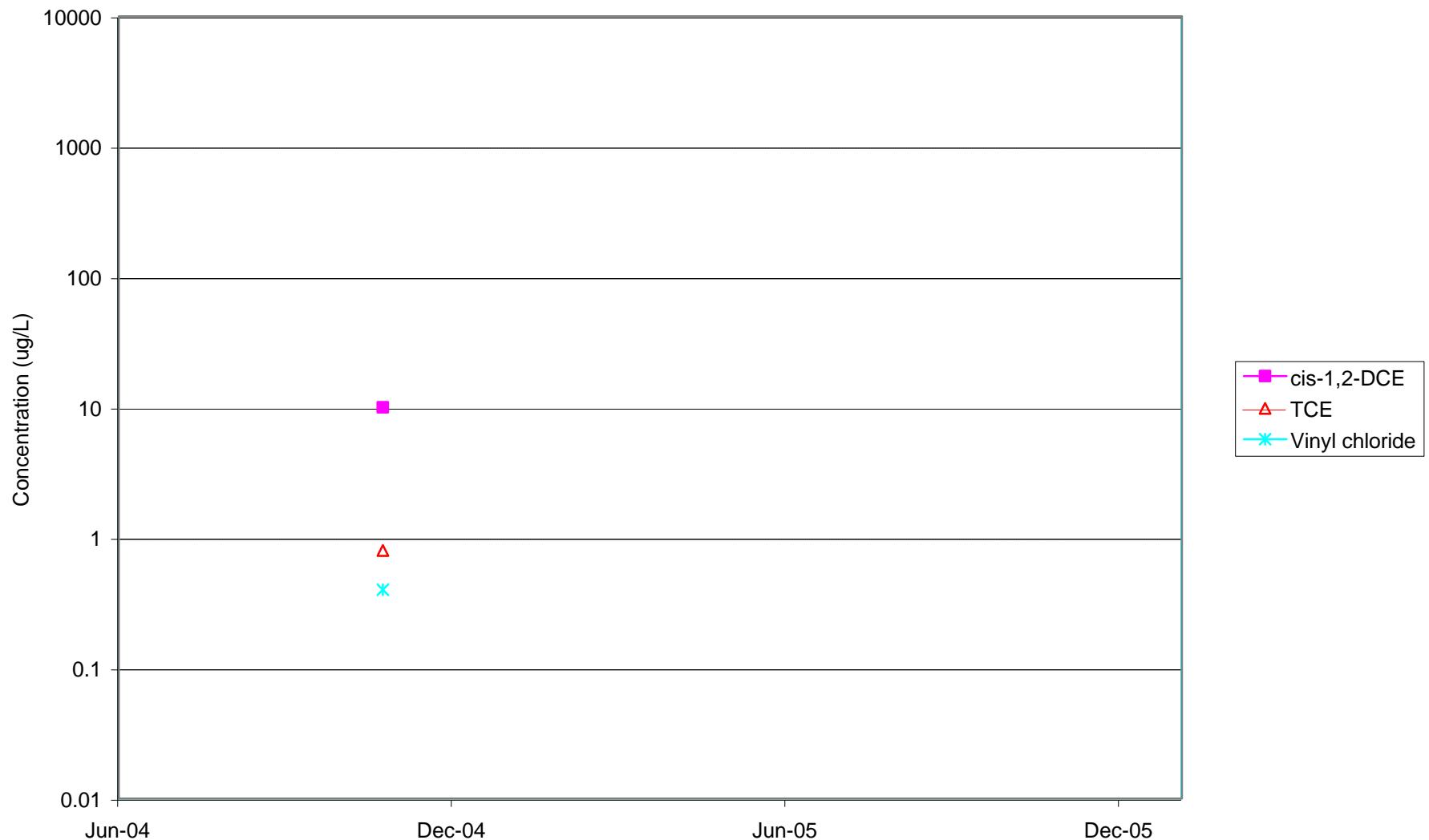
## AGW095



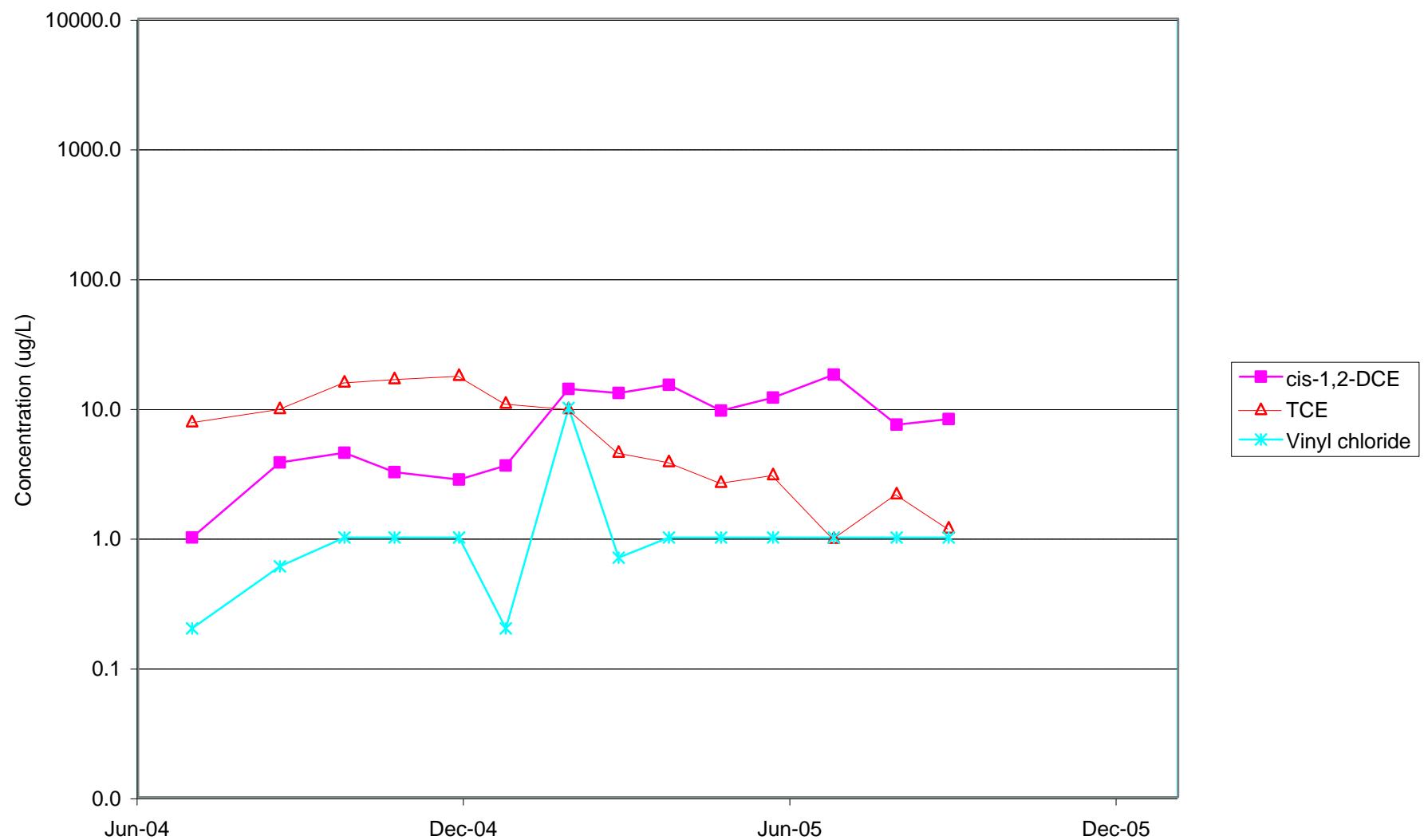
## AGW097



# IW31(I)



## IW5(I)



---

## **APPENDIX C**

### **Deep Well VOC Results**

## Deep Well VOC Results

Location	Sample Date	Analyte	Result (µg/L)	Flag
<b>AGW008(D)</b>				
AGW008(D)	12/12/1995	cis-1,2-Dichloroethene	1	U
AGW008(D)	03/27/1996	cis-1,2-Dichloroethene	1	U
AGW008(D)	06/19/1996	cis-1,2-Dichloroethene	1	U
AGW008(D)	10/03/1996	cis-1,2-Dichloroethene	1	U
AGW008(D)	12/18/1996	cis-1,2-Dichloroethene	1	U
AGW008(D)	03/14/1997	cis-1,2-Dichloroethene	1	U
AGW008(D)	12/22/2003	cis-1,2-Dichloroethene	0.2	U
AGW008(D)	12/12/1995	Trichloroethene	1	U
AGW008(D)	03/27/1996	Trichloroethene	1	U
AGW008(D)	06/19/1996	Trichloroethene	1	U
AGW008(D)	10/03/1996	Trichloroethene	1	U
AGW008(D)	12/18/1996	Trichloroethene	1	U
AGW008(D)	03/14/1997	Trichloroethene	1	U
AGW008(D)	12/22/2003	Trichloroethene	0.2	U
AGW008(D)	12/12/1995	Vinyl Chloride	2	U
AGW008(D)	03/27/1996	Vinyl Chloride	2	U
AGW008(D)	06/19/1996	Vinyl Chloride	2	U
AGW008(D)	10/03/1996	Vinyl Chloride	2	U
AGW008(D)	12/18/1996	Vinyl Chloride	2	U
AGW008(D)	03/14/1997	Vinyl Chloride	2	U
AGW008(D)	12/22/2003	Vinyl Chloride	0.2	U
<b>AGW063(D)</b>				
AGW063(D)	11/13/1996	cis-1,2-Dichloroethene	1	U
AGW063(D)	12/17/1996	cis-1,2-Dichloroethene	1	U
AGW063(D)	03/18/1997	cis-1,2-Dichloroethene	1	U
AGW063(D)	09/11/1997	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	03/25/1998	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	09/04/1998	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	02/18/1999	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	08/31/1999	cis-1,2-Dichloroethene	1	U
AGW063(D)	03/15/2000	cis-1,2-Dichloroethene	1	U
AGW063(D)	11/09/2000	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	05/22/2001	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	11/06/2001	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	05/21/2002	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	11/23/2002	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	05/23/2003	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	12/19/2003	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	06/14/2004	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	12/09/2004	cis-1,2-Dichloroethene	0.2	U
AGW063(D)	11/13/1996	Trichloroethene	1	U
AGW063(D)	12/17/1996	Trichloroethene	1	U
AGW063(D)	03/18/1997	Trichloroethene	1	U
AGW063(D)	09/11/1997	Trichloroethene	0.2	U
AGW063(D)	03/25/1998	Trichloroethene	0.2	U
AGW063(D)	09/04/1998	Trichloroethene	0.2	U
AGW063(D)	02/18/1999	Trichloroethene	0.2	U
AGW063(D)	08/31/1999	Trichloroethene	1	U
AGW063(D)	03/15/2000	Trichloroethene	1	U

## Deep Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW063(D)	11/09/2000	Trichloroethene	0.2	U
AGW063(D)	05/22/2001	Trichloroethene	0.2	U
AGW063(D)	11/06/2001	Trichloroethene	0.2	U
AGW063(D)	05/21/2002	Trichloroethene	0.2	U
AGW063(D)	11/23/2002	Trichloroethene	0.2	U
AGW063(D)	05/23/2003	Trichloroethene	0.2	U
AGW063(D)	12/19/2003	Trichloroethene	0.2	U
AGW063(D)	06/14/2004	Trichloroethene	0.2	U
AGW063(D)	12/09/2004	Trichloroethene	0.2	U
AGW063(D)	11/13/1996	Vinyl Chloride	2	U
AGW063(D)	12/17/1996	Vinyl Chloride	2	U
AGW063(D)	03/18/1997	Vinyl Chloride	2	U
AGW063(D)	09/11/1997	Vinyl Chloride	0.2	U
AGW063(D)	03/25/1998	Vinyl Chloride	0.2	U
AGW063(D)	09/04/1998	Vinyl Chloride	0.2	U
AGW063(D)	02/18/1999	Vinyl Chloride	0.2	U
AGW063(D)	08/31/1999	Vinyl Chloride	1	U
AGW063(D)	03/15/2000	Vinyl Chloride	1	U
AGW063(D)	11/09/2000	Vinyl Chloride	0.2	U
AGW063(D)	05/22/2001	Vinyl Chloride	0.2	U
AGW063(D)	11/06/2001	Vinyl Chloride	0.2	U
AGW063(D)	05/21/2002	Vinyl Chloride	0.2	U
AGW063(D)	11/23/2002	Vinyl Chloride	0.2	U
AGW063(D)	05/23/2003	Vinyl Chloride	0.2	U
AGW063(D)	12/19/2003	Vinyl Chloride	0.2	U
AGW063(D)	06/14/2004	Vinyl Chloride	0.02	U
AGW063(D)	12/09/2004	Vinyl Chloride	0.02	U
<b>AGW073(D)</b>				
AGW073(D)	11/06/2000	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	05/18/2001	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	11/01/2001	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	05/17/2002	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	11/24/2002	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	05/19/2003	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	12/17/2003	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	03/02/2004	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	06/07/2004	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	08/17/2004	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	12/03/2004	cis-1,2-Dichloroethene	0.2	U
AGW073(D)	11/06/2000	Trichloroethene	0.8	
AGW073(D)	05/18/2001	Trichloroethene	0.9	
AGW073(D)	11/01/2001	Trichloroethene	0.9	
AGW073(D)	05/17/2002	Trichloroethene	0.8	
AGW073(D)	11/24/2002	Trichloroethene	0.9	
AGW073(D)	05/19/2003	Trichloroethene	0.8	
AGW073(D)	12/17/2003	Trichloroethene	0.8	
AGW073(D)	03/02/2004	Trichloroethene	0.7	
AGW073(D)	06/07/2004	Trichloroethene	0.8	
AGW073(D)	08/17/2004	Trichloroethene	0.8	
AGW073(D)	12/03/2004	Trichloroethene	0.7	

## Deep Well VOC Results

<b>Location</b>	<b>Sample Date</b>	<b>Analyte</b>	<b>Result (µg/L)</b>	<b>Flag</b>
AGW073(D)	11/06/2000	Vinyl Chloride	0.2	U
AGW073(D)	05/18/2001	Vinyl Chloride	0.2	U
AGW073(D)	11/01/2001	Vinyl Chloride	0.2	U
AGW073(D)	05/17/2002	Vinyl Chloride	0.2	U
AGW073(D)	11/24/2002	Vinyl Chloride	0.2	U
AGW073(D)	05/19/2003	Vinyl Chloride	0.2	U
AGW073(D)	12/17/2003	Vinyl Chloride	0.2	U
AGW073(D)	03/02/2004	Vinyl Chloride	0.02	U
AGW073(D)	06/07/2004	Vinyl Chloride	0.02	U
AGW073(D)	08/17/2004	Vinyl Chloride	0.02	U
AGW073(D)	12/03/2004	Vinyl Chloride	0.02	U
<b>AGW098(D)</b>				
AGW098(D)	12/17/2003	cis-1,2-Dichloroethene	0.2	U
AGW098(D)	03/01/2004	cis-1,2-Dichloroethene	0.2	U
AGW098(D)	06/07/2004	cis-1,2-Dichloroethene	0.2	U
AGW098(D)	08/17/2004	cis-1,2-Dichloroethene	0.2	U
AGW098(D)	12/02/2004	cis-1,2-Dichloroethene	0.2	U
AGW098(D)	12/17/2003	Trichloroethene	1.1	
AGW098(D)	03/01/2004	Trichloroethene	1.3	
AGW098(D)	06/07/2004	Trichloroethene	1.6	
AGW098(D)	08/17/2004	Trichloroethene	1.5	
AGW098(D)	12/02/2004	Trichloroethene	1.4	
AGW098(D)	12/17/2003	Vinyl Chloride	0.2	U
AGW098(D)	03/01/2004	Vinyl Chloride	0.02	U
AGW098(D)	06/07/2004	Vinyl Chloride	0.02	U
AGW098(D)	08/17/2004	Vinyl Chloride	0.02	U
AGW098(D)	12/02/2004	Vinyl Chloride	0.02	U
<b>AGW099(D)</b>				
AGW099(D)	12/16/2003	cis-1,2-Dichloroethene	0.2	U
AGW099(D)	06/01/2004	cis-1,2-Dichloroethene	0.2	U
AGW099(D)	12/07/2004	cis-1,2-Dichloroethene	0.2	U
AGW099(D)	12/16/2003	Trichloroethene	0.2	U
AGW099(D)	06/01/2004	Trichloroethene	0.2	U
AGW099(D)	12/16/2003	Vinyl Chloride	0.2	U
AGW099(D)	06/01/2004	Vinyl Chloride	0.02	U
AGW099(D)	12/07/2004	Vinyl Chloride	0.02	U

Notes:

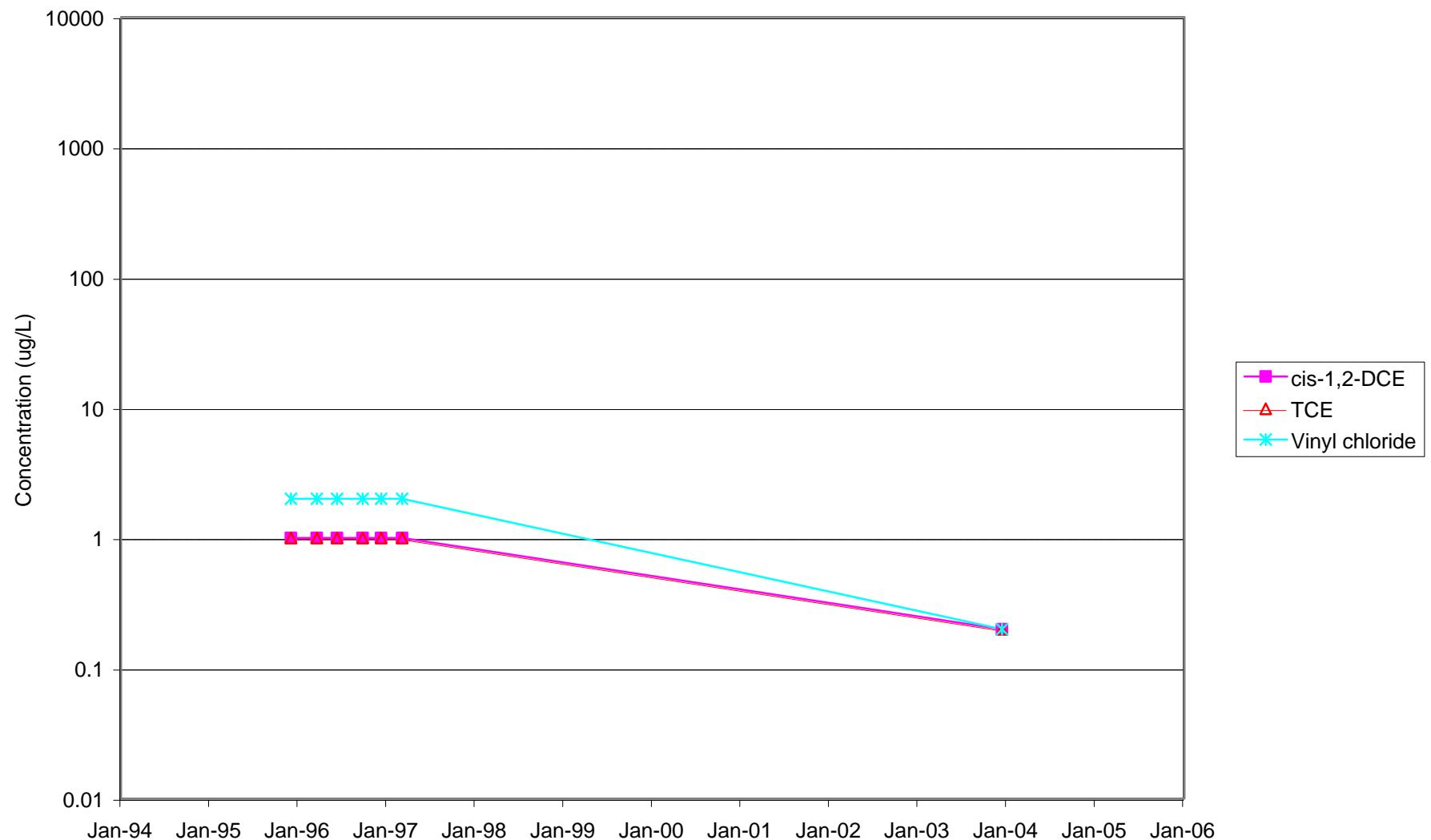
All units are µg/L

U = Not Detected at the Reporting Limit

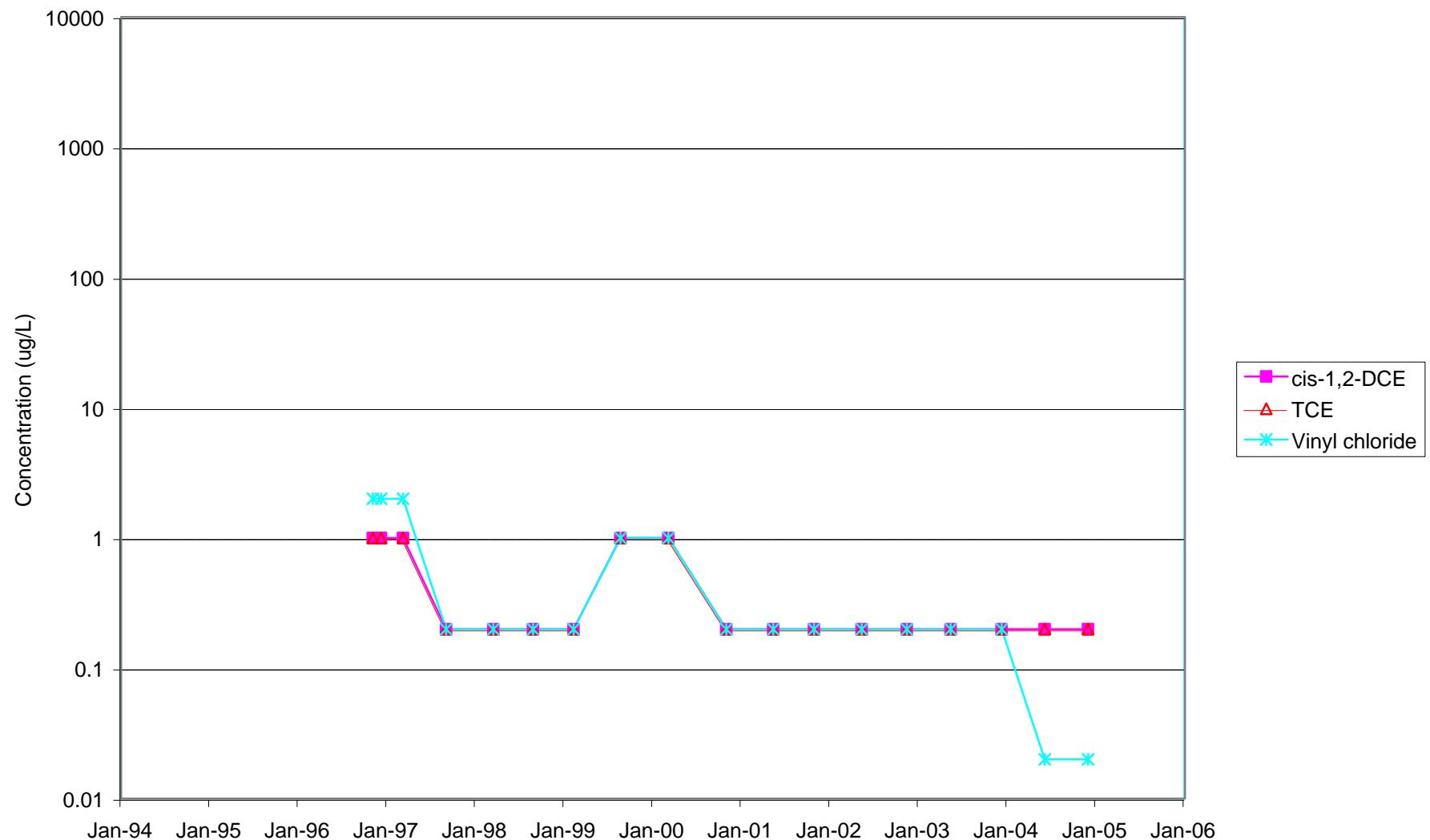
When vinyl chloride is reported by both VOC and VOCs: if both are detected, the higher of the detects is used; if both are not detected, lower RL is used; if one is detected and the other is not, then the detect is used.

Values for not detected plotted at reporting limit

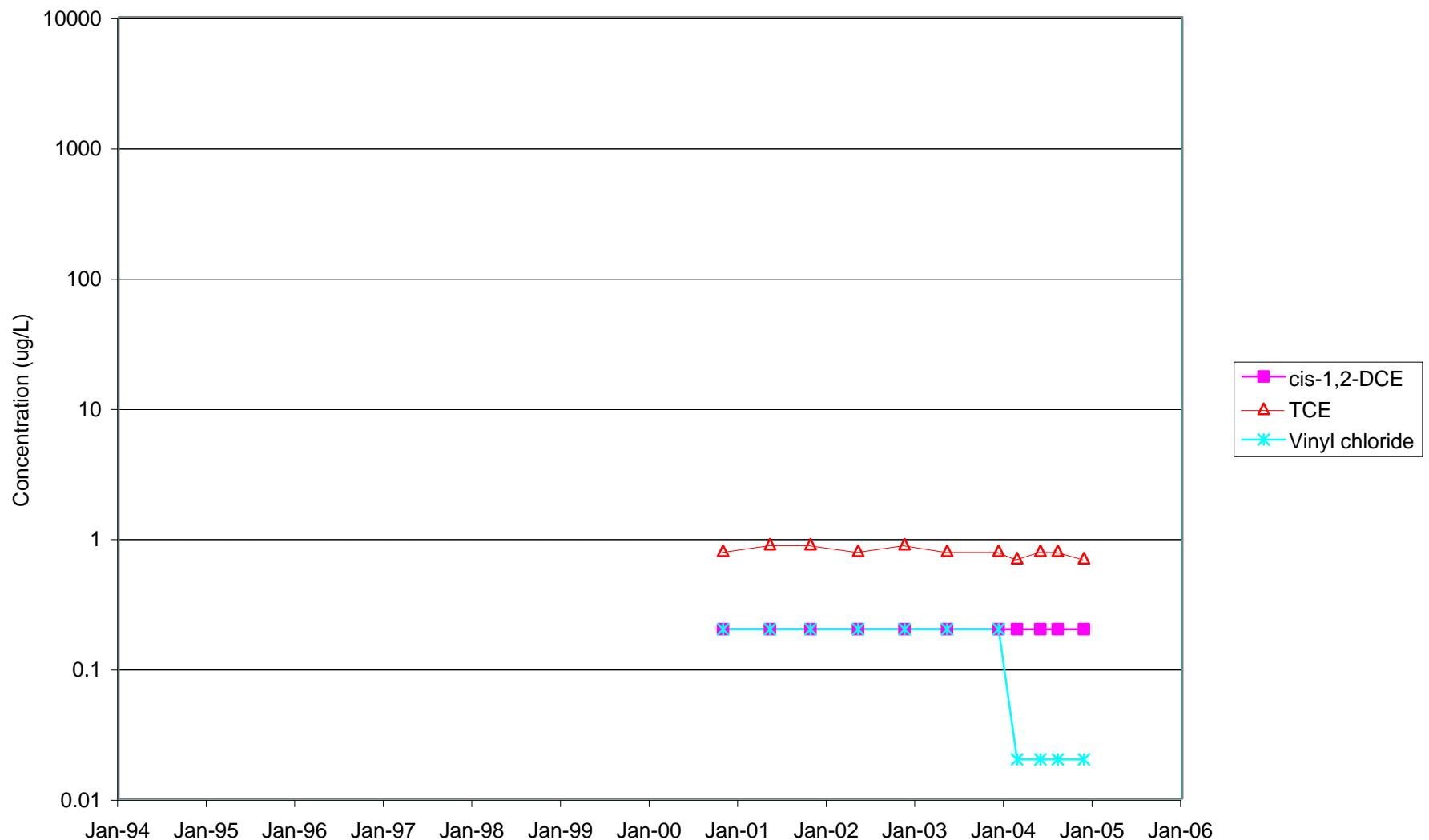
## AGW008



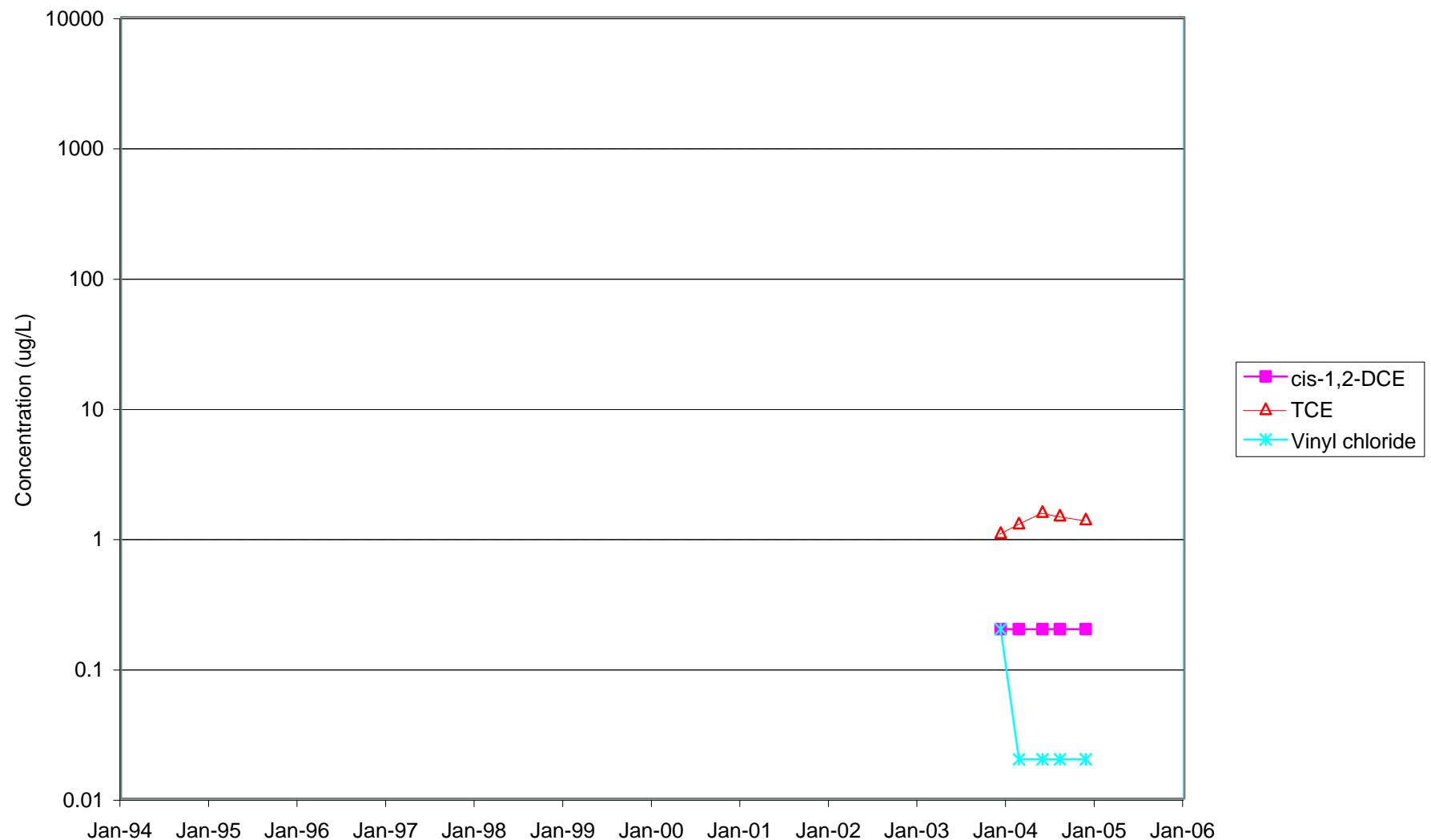
# AGW063



## AGW073



## AGW098



## AGW099

